

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AC 557	Date of Summary: 08-MAY-2001	First Sample Examined: 10140
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 11096
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11096
API Well Number: 608054001300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 3	Sample Range: 10140 - 10950	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Baha Prospect, 10350=silty increase (possible Eocene exotic block)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10140 / 10140	DEF AT first sample examined	DEF AT 4
10141 / 10141	DEF AT Lower Oligocene (Rupelian) Chiloguembelina cubensis	DEF AT 4
10230 / 10230	POS AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 4
10260 / 10260	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 4
10350 / 10350	DEF AT out-of-place section	DEF AT 4
10351 / 10351	POS AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 4
10470 / 10470	POS IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 4
10830 / 10830	DEF IN Eocene	DEF IN 4
10831 / 10831	DEF AT local marker foram increase	DEF IN 4
10950 / 10950	DEF AT last sample examined	DEF IN 4

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Area Block: AC 557	Date of Summary: 01-JUN-2001	First Sample Examined: 10140
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 11096
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 11096
API Well Number: 608054001300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 2 of 3	Sample Range: 10140 - 11081	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Baha Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
10140 / 10140	DEF AT first sample examined	DEF AT
10141 / 10141	POS IN Lower Oligocene (Rupelian) Reticulofenestra hillae	DEF AT
10380 / 10380	POS IN Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT
10381 / 10381	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
10530 / 10530	DEF AT Upper Eocene (Priabonian) Cribrocentrum reticulatum	DEF AT
10710 / 10710	DEF AT Lower Oligocene (Rupelian) Ismolithus recurvus	DEF AT
11070 / 11070	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUL-2001	First Sample Examined: 10933
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 11096
Well Name: 001	Paleo Done By: NANNO-CHRON INTERNATIONAL (W H ABBOTT)	Borehole TVD: 11096
API Well Number: 608054001300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 3 of 3	Sample Range: 10933 - 11739	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Baha Prospect, calcareous nannofossil report, 11478=Helicosphaera seminulum

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10933 / 10933	DEF AT first sample examined	DEF AT
10934 / 10934	POS IN Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT
11004 / 11004	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
11025 / 11025	DEF AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT
11252 /	DEF AT Middle Eocene (Bartonian) Sphenolithus furcatolithoides	DEF AT
11478 /	DEF AT local marker floral increase	DEF AT
11506 /	DEF AT Middle Eocene (Lutetian) Discoaster lodoensis	DEF AT
11569 /	DEF AT local marker floral decrease	DEF AT
11611 /	DEF AT local marker floral increase	DEF AT
11726 /	DEF AT local marker floral decrease	DEF AT
11738 /	POS AT Middle Eocene (Lutetian) Sphenolithus spiniger	DEF AT
11739 /	DEF AT last sample examined	DEF AT

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Area Block: AC 557	Date of Summary: 08-MAY-2001	First Sample Examined: 10950
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 16691
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16370
API Well Number: 608054001301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 3	Sample Range: 10950 - 16690	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Baha Prospect, 13020=dwarfed arenaceous fauna, 11400=possible Eocene based on nannos

MD / TVD	Paleo Top Description	Ecozone
10950 / 10950	DEF AT first sample examined	DEF IN 4
11100 / 11100	DEF AT cement	DEF IN 4
11280 / 11280	POS IN Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF IN 4
11400 / 11400	POS AT Eocene	DEF IN 4
11490 / 11489	POS IN Middle Eocene (Bartonian) Truncorotaloides rohri	DEF IN 4
11670 / 11669	POS IN Middle Eocene (Lutetian) Morozovella aragonensis	DEF IN 4
11850 / 11849	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF IN 4
11940 / 11939	DEF AT - - - - -	DEF AT 5
12060 / 12059	DEF AT - - - - -	DEF IN 4
13020 / 13019	DEF AT Arenaceous fauna (local marker)	DEF IN 4
13530 / 13520	DEF IN Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 4
15630 / 15433	DEF AT sand	DEF AT 4
16690 / 16369	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUN-2001	First Sample Examined: 11700
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 16691
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 16370
API Well Number: 608054001301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 2 of 3	Sample Range: 11700 - 16680	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Baha Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
11700 / 11699	DEF AT first sample examined	DEF AT
11701 / 11700	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
11790 / 11789	DEF IN Middle Eocene (Bartonian) Pemma balium	DEF AT
11850 / 11849	DEF AT Middle Eocene (Lutetian) Rhabdosphaera inflata	DEF AT
11910 / 11909	DEF AT Middle Eocene (Lutetian) Discoaster Iodoensis	DEF AT
12000 / 11999	POS AT Lower Eocene (Ypresian) Tribrahiatus contortus	DEF AT
12090 / 12089	DEF AT Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT
12210 / 12209	POS AT Upper Paleocene (Thanetian) Fasciculithus tympaniformis	DEF AT
16690 / 16369	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUL-2001	First Sample Examined: 11835
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 16691
Well Name: 001	Paleo Done By: NANNO-CHRON INTERNATIONAL (W H ABBOTT)	Borehole TVD: 16370
API Well Number: 608054001301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 3 of 3	Sample Range: 11835 - 14532	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Baha Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11835 / 11834	DEF AT first sample examined	DEF AT
11836 / 11835	DEF IN Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
12327 / 12326	POS AT Middle Eocene (Lutetian) Discoaster Iodoensis	DEF AT
13911 / 13880	DEF AT Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT
14532 / 14446	DEF AT last sample examined	DEF AT

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Area Block: AC 557	Date of Summary: 01-MAY-2001	First Sample Examined: 16510
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 19618
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 6	Sample Range: 16510 - 17280	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Baha Prospect

MD / TVD	Paleo Top Description	Ecozone
16510 / 16259	DEF AT first sample examined	DEF AT
16840 / 16563	POS AT Cretaceous	DEF AT
16900 / 16618	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT
16920 / 16636	DEF AT local marker foram increase	DEF AT 5
16950 / 16663	DEF AT local marker foram increase	DEF AT 5
17010 / 16718	DEF AT Upper Cretaceous (Campanian) Archaeoglobigerina bosquensis	DEF AT 5
17190 / 16882	DEF AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT 5
17279 / 16964	POS IN Upper Cretaceous Santonian Stage	DEF IN 4
17280 / 16965	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUN-2001	First Sample Examined: 16920
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 19618
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 2 of 6	Sample Range: 16920 - 19618	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Baha Prospect, calcareous nannofossil report, use wellsite biostratigraphic summary from this point down due to better data recovery

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16920 / 16636	DEF AT first sample examined	DEF AT
16921 / 16637	POS AT local marker floral increase	DEF AT
16922 / 16638	POS IN Upper Cretaceous Maastrichtian Stage	DEF AT
16980 / 16691	DEF AT Upper Cretaceous (Campanian) Eiffellithus eximius	DEF AT
19618 / 19164	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUN-2001	First Sample Examined: 17210
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 19618
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 3 of 6	Sample Range: 17210 - 19610	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Baha Prospect, calcareous nannofossil report=wellsite summary report

MD / TVD	Paleo Top Description	Ecozone
17210 / 16901	DEF AT first sample examined	DEF AT
17211 / 16902	POS IN Upper Cretaceous (Maastrichtian) Aspidolithus parvus constrictus	DEF AT
17540 / 17204	DEF AT Upper Cretaceous (Campanian) Lithastrinus grillii	DEF AT
18070 / 17694	DEF AT Upper Cretaceous (Campanian) Marthasterites furcatus	DEF AT
18140 / 17759	DEF AT Upper Cretaceous (Campanian) Bukryaster hayi	DEF AT
18380 / 17984	DEF AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
18640 / 18229	POS AT Upper Cretaceous (Cenomanian) Coriolithon kennedyi	DEF AT
18641 / 18230	POS AT Lower Cretaceous (Albian) Prediscosphaera columnata	DEF AT
18740 / 18324	DEF AT Upper Cretaceous (Cenomanian) Microstaurus chiastius	DEF AT
18810 / 18390	DEF AT Lower Cretaceous (Albian) Braarudosphaera africana	DEF AT
18870 / 18447	DEF AT Upper Cretaceous (Cenomanian) Lithraphidites acutus	DEF AT
19610 / 19156	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUN-2001	First Sample Examined: 17310
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 19618
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 4 of 6	Sample Range: 17310 - 19610	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: N	Paleo ID: 006

Remark: Baha Prospect, 17311=rare Santonian Hedbergella flandrini, 17761=rare Turonian Dicarotella algeriana, 18600=rare Cenomanian Rotalipora brotzen

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17310 / 16992	DEF AT first sample examined	DEF AT
17311 / 16993	POS IN Upper Cretaceous (Santonian) Marginotruncana sinuosa	DEF AT
17312 / 16994	POS AT Upper Cretaceous (Santonian) Hedbergella delrioensis	DEF AT
17760 / 17407	POS AT Upper Cretaceous Turonian Stage	DEF AT
17761 / 17408	POS AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
18510 / 18106	POS AT Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT
18600 / 18191	POS IN Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT
18630 / 18219	DEF AT local marker foram decrease	DEF AT
18640 / 18229	DEF AT cement	DEF AT
19610 / 19156	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 557	Date of Summary: 01-JUL-2001	First Sample Examined: 15957
Lease Number: G08272	Source of Paleo: OPERATOR	Borehole MD: 19618
Well Name: 001	Paleo Done By: NANNO-CHRON INTERNATIONAL (W H ABBOTT)	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 5 of 6	Sample Range: 15957 - 19330	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 005

Remark: Baha Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15957 / 15751	DEF AT first sample examined	DEF AT
16730 / 16461	DEF AT Upper Cretaceous (Maastrichtian) Watznaueria barnesae (FAD)	DEF AT
16822 / 16546	DEF AT local marker nannofossil (see remarks)	DEF AT
16900 / 16618	DEF AT local marker nannofossil (see remarks)	DEF AT
17350 / 17029	DEF AT local marker nannofossil (see remarks)	DEF AT
17440 / 17112	DEF AT local marker nannofossil (see remarks)	DEF AT
17734 / 17383	DEF AT Upper Cretaceous (Maastrichtian) Reinhardites levis	DEF AT
17790 / 17435	DEF AT local marker floral increase	DEF AT
17973 / 17604	POS AT Upper Cretaceous (Campanian) Aspidolithus parvus parvus	DEF AT
17974 / 17605	DEF AT Upper Cretaceous (Campanian) Reinhardites anthophorus "A"	DEF AT
17980 / 17610	DEF AT local marker floral decrease	DEF AT
19329 / 18886	POS AT Upper Cretaceous (Campanian) Eiffellithus eximius	DEF AT
19330 / 18887	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AC 557	Date of Summary: 01-JUL-2002	First Sample Examined: 16980
Lease Number: G08272	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19618
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 19164
API Well Number: 608054001302	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 6 of 6	Sample Range: 16980 - 19618	Water Depth: 7790
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 007

Remark: Baha Prospect, paleobathymetric analysis only, done by Jim J Galluzzo

MD / TVD	Paleo Top Description	Ecozone
16980 / 16691	DEF AT first sample examined	DEF AT 5
17190 / 16882	DEF AT -----	DEF IN 5
17310 / 16992	DEF AT -----	DEF IN 4
17400 / 17075	DEF AT -----	DEF AT 5
17610 / 17269	DEF AT -----	POS AT 5
17700 / 17351	DEF AT -----	DEF AT 5
17820 / 17462	DEF AT -----	POS IN 4
18090 / 17713	DEF AT poor sample interval top	DEF IN 4
18120 / 17741	DEF AT poor sample interval bottom	DEF IN 4
18300 / 17909	DEF AT -----	DEF AT 5
18570 / 18163	DEF AT poor sample interval top	DEF AT
19617 / 19163	DEF AT poor sample interval bottom	DEF AT
19618 / 19164	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: AC 600	Date of Summary: 26-JUL-1996	First Sample Examined: 9290
Lease Number: G08580	Source of Paleo: OPERATOR	Borehole MD: 11253
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11253
API Well Number: 608054000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 9290 - 11204	Water Depth: 7620
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report, 9290=NP23/24 with NP17? reworking, 9957=within NP23? (H recta in sidewall cores), 10692=within NP23?? (H perch-nielseniae in sidewall core), 10722=Eocene/Oligocene boundary? NP21, 10922=NP20 or older, reworked or older, in place ??, 10940=NP20 or older, probably in place, possible unconformity, 11030=NP17 or older, 11068=NP16 or younger, 11078=NP15?, 11082=NP15?, 11086=Late Eocene contamination (Ismolithus recurvus in sidewall core), 11024=NP14 (Reticulofenestra inflata abundant in ditch sample)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9290	DEF AT first sample examined	DEF AT
9291 / 9291	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
9717 / 9717	DEF AT Lower Oligocene (Rupelian) Discoaster ornatus	DEF AT
9957 / 9957	POS AT Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT
10692 / 10692	POS AT unconformity	DEF AT
10693 / 10693	POS IN Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT
10722 / 10722	POS AT Middle Eocene (Bartonian) Pemma papillatum	DEF AT
10921 / 10921	DEF AT reworked material	DEF AT
10922 / 10922	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
10939 / 10939	POS AT unconformity	DEF AT
10940 / 10940	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
11029 / 11029	POS AT unconformity	DEF AT
11030 / 11030	DEF IN Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
11031 / 11031	DEF IN Middle Eocene (Bartonian) Sphenolithus furcatolithoides	DEF AT
11068 / 11068	DEF IN Middle Eocene (Lutetian) Sphenolithus spiniger	DEF AT
11078 / 11078	POS AT reworked material	DEF AT
11082 / 11082	POS IN reworked material	DEF AT
11086 / 11086	POS AT reworked material	DEF AT
11204 / 11204	POS AT Lower Eocene (Ypresian) Toweius crassus	DEF AT

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End Date: 31-DEC-2004

Area Block: AC 600	Date of Summary: 26-JUL-1996	First Sample Examined: 9290
Lease Number: G08580	Source of Paleo: OPERATOR	Borehole MD: 11253
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11253
API Well Number: 608054000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 9290 - 11204	Water Depth: 7620
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS:	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11254 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AC 600	Date of Summary: 16-JUN-1997	First Sample Examined: 9290
Lease Number: G08580	Source of Paleo: OPERATOR	Borehole MD: 11253
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11253
API Well Number: 608054000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 9290 - 11254	Water Depth: 7620
Public Info Code: Y 04-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9290 / 9290	DEF AT first sample examined	DEF AT 5
9590 / 9590	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
10610 / 10610	DEF IN Lower Oligocene (Rupelian) Textularia mississippiensis seligi	DEF AT 5
10693 / 10693	DEF AT Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT 5
10694 / 10694	DEF AT Lower Oligocene (Rupelian) Cibicides mississippiensis	DEF AT 5
10820 / 10820	DEF AT faunal change (no faunal increase)	DEF IN 5
10910 / 10910	DEF IN Upper (Late) Eocene	DEF AT 5
10917 / 10917	DEF IN Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 5
11000 / 11000	DEF AT Middle Eocene	DEF AT 5
11254 /	DEF AT last sample examined	DEF AT 5

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Area Block: AT 24	Date of Summary: 01-AUG-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: N	Paleo ID: 001

Remark: Calcareous nannofossil report, 10920=Gephyrocapsa margerelli acme, 12370=Reticulofenestra minutula haqii increase, 12940=Reticulofenestra minutula haqii acme, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
8550 / 8550	DEF AT first sample examined	DEF AT
8640 / 8640	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
8700 / 8700	DEF AT reworked material	DEF AT
9270 / 9270	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9330 / 9330	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
9480 / 9480	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
9600 / 9600	DEF AT local marker floral increase	DEF AT
9960 / 9960	DEF AT reworked material	DEF AT
10050 / 10050	DEF AT reworked material	DEF AT
10170 / 10170	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa (acme)	DEF AT
10200 / 10200	DEF AT reworked material	DEF AT
10289 / 10289	POS AT condensed section	DEF AT
10290 / 10290	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10291 / 10291	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
10350 / 10350	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10351 / 10351	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa B	DEF AT
10410 / 10410	DEF AT reworked material	DEF AT
10560 / 10560	DEF AT reworked material	DEF AT
10590 / 10590	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
10654 / 10654	DEF AT reworked material	DEF AT
10770 / 10770	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 24	Date of Summary: 01-AUG-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: N	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10830 / 10830	DEF AT reworked material	DEF AT
10920 / 10920	DEF AT local marker floral increase	DEF AT
10950 / 10950	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10980 / 10980	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11010 / 11010	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
11011 / 11011	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11040 / 11040	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11070 / 11070	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11130 / 11130	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
11160 / 11160	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11190 / 11190	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11220 / 11220	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
11221 / 11221	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
11530 / 11529	DEF AT reworked material	DEF AT
12080 / 12067	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12370 / 12335	DEF AT local marker floral increase	DEF AT
12500 / 12452	DEF AT reworked material	DEF AT
12640 / 12573	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12820 / 12722	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
12940 / 12819	DEF AT local marker floral increase	DEF AT
13150 / 12989	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
13640 / 13385	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14290 / 13913	DEF AT local marker floral increase	DEF AT
14880 / 14393	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 24	Date of Summary: 01-AUG-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: N	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15080 / 14556	DEF AT local marker floral increase	DEF AT
15370 / 14794	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
16340 / 15593	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
16880 / 16039	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
16900 / 16055	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
17350 / 16425	DEF IN Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
17530 / 16572	DEF AT reworked material	DEF AT
17630 / 16653	DEF AT reworked material	DEF AT
17730 / 16734	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
17731 / 16735	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT
18210 / 17122	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
18390 / 17266	DEF AT reworked material	DEF AT
18510 / 17362	DEF AT reworked material	DEF AT
18630 / 17458	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
19530 / 18175	DEF AT local marker floral increase	DEF AT
20310 / 18797	DEF AT local marker floral increase	DEF AT
20430 / 18893	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 24	Date of Summary: 01-OCT-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 16880=Globorotalia nepenthes acme, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8550	DEF AT first sample examined	DEF IN 4
8670 / 8670	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
8730 / 8730	DEF AT faunal change (no faunal increase)	DEF IN 4
8850 / 8850	DEF AT faunal change (no faunal increase)	DEF AT 4
9240 / 9240	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
9540 / 9540	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
9750 / 9750	POS AT local marker planktic foram increase	DEF AT 4
10290 / 10290	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
10291 / 10291	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
10320 / 10320	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
10350 / 10350	DEF AT faunal change (no faunal increase)	DEF IN 5
10470 / 10470	DEF AT local marker foram increase	DEF IN 5
10560 / 10560	DEF AT faunal change (no faunal increase)	DEF AT 5
10680 / 10680	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10740 / 10740	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11010 / 11010	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11070 / 11070	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11071 / 11071	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11130 / 11130	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11250 / 11250	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
11460 / 11460	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
11580 / 11579	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 24	Date of Summary: 01-OCT-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11760 / 11757	DEF AT faunal change (no faunal increase)	DEF IN 4
12120 / 12105	DEF AT faunal change (no faunal increase)	DEF AT 5
12300 / 12272	DEF AT faunal change (no faunal increase)	DEF IN 4
12590 / 12530	DEF AT local marker foram increase	DEF AT 5
12720 / 12640	DEF AT faunal change (no faunal increase)	DEF IN 4
13120 / 12965	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF IN 4
13400 / 13192	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13680 / 13417	DEF AT faunal change (no faunal increase)	DEF IN 4
14260 / 13889	DEF AT local marker planktic foram increase	DEF AT 5
14293 / 13916	DEF AT faunal change (no faunal increase)	DEF AT 4
14390 / 13995	DEF AT local marker foram increase	DEF AT 4
14393 / 13998	DEF AT faunal change (no faunal increase)	DEF IN 4
14920 / 14426	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
15000 / 14491	DEF AT faunal change (no faunal increase)	DEF AT 5
15130 / 14597	DEF AT faunal change (no faunal increase)	DEF IN 4
16440 / 15675	DEF AT faunal change (no faunal increase)	DEF AT 5
16630 / 15832	DEF AT faunal change (no faunal increase)	DEF IN 4
16880 / 16039	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 5
16940 / 16088	DEF AT faunal change (no faunal increase)	DEF AT 5
17000 / 16138	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
17170 / 16278	DEF AT faunal change (no faunal increase)	DEF IN 4
17290 / 16376	DEF IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 4
17550 / 16588	POS IN Upper Miocene (Tortonian) Planulina renzi	DEF IN 4
17830 / 16815	POS AT reworked material	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 24	Date of Summary: 01-OCT-2000	First Sample Examined: 8550
Lease Number: G12176	Source of Paleo: OPERATOR	Borehole MD: 20461
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18918
API Well Number: 608184001400	Drilling Operator: CONOCO INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 8550 - 20461	Water Depth: 5896
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
17950 / 16913	DEF AT faunal change (no faunal increase)	DEF IN 4
18270 / 17170	DEF AT local marker planktic foram increase	DEF AT 5
18390 / 17266	DEF AT faunal change (no faunal increase)	DEF IN 4
19500 / 18151	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
19530 / 18175	DEF AT local marker planktic foram increase	DEF IN 4
19590 / 18223	DEF AT faunal change (no faunal increase)	DEF AT 5
19710 / 18318	DEF AT local marker foram increase	DEF IN 5
19890 / 18462	DEF AT Arenaceous fauna (local marker)	DEF AT 5
20010 / 18558	DEF AT faunal change (no faunal increase)	DEF IN 4
20280 / 18773	DEF AT local marker foram increase	DEF AT 5
20310 / 18797	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 5
20461 / 18918	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 26	Date of Summary: 01-SEP-1999	First Sample Examined: 9210
Lease Number: G13197	Source of Paleo: OPERATOR	Borehole MD: 17649
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17646
API Well Number: 608184001100	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9210 - 17649	Water Depth: 6505
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 9435 to 9510 = sample gap in forams only, 9510=below foram sample gap the fauna is very mixed . oldest appears to be Globigerina nepenthes, 11371=out of place Late Miocene nannos, 14820=Discoaster neoerectus, 15000=nannos indicate undifferentiated latest Miocene, 15765=Chiasmolithus expansus, 16051=Paleocene (Selandian? to Danian) Prinsius martinii, 16140=Lower Paleocene (Danian) Prinsius africanus, 16380=Nannoconus wassalli with ?Nannoconus bucheri, 17551=Late Tithonian Crepidolithus crassus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 9210	DEF AT first sample examined	POS IN 4
9211 / 9211	DEF AT cement	POS IN 4
9212 / 9212	DEF AT reworked material	DEF IN 4
9375 / 9374	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	POS IN 4
9420 / 9419	DEF AT reworked material	POS IN 4
9450 / 9449	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	POS IN 4
9465 / 9464	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	POS IN 4
9510 / 9509	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9540 / 9539	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
9555 / 9554	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
9570 / 9569	DEF AT - - - -	DEF IN 5
9630 / 9629	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 5
9855 / 9854	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF IN 5
9900 / 9899	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF IN 5
9945 / 9944	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF IN 5
10200 / 10199	DEF AT salt	POS AT 5
11369 / 11368	DEF AT base of salt	POS AT 5
11370 / 11369	DEF AT out-of-place section	POS AT 5
11371 / 11370	POS IN Upper (Late) Miocene	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 26	Date of Summary: 01-SEP-1999	First Sample Examined: 9210
Lease Number: G13197	Source of Paleo: OPERATOR	Borehole MD: 17649
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17646
API Well Number: 608184001100	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9210 - 17649	Water Depth: 6505
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11468 / 11467	DEF AT cement	POS AT 5
11490 / 11489	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11670 / 11669	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5
11775 / 11774	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12510 / 12509	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 5
12810 / 12809	DEF AT faunal change (no faunal increase)	DEF AT 5
12870 / 12869	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT 5
14010 / 14009	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
14280 / 14279	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
14820 / 14819	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
14940 / 14939	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 5
15000 / 14999	DEF IN Upper (Late) Miocene	POS AT 5
15330 / 15329	DEF AT - - - -	DEF AT 5
15480 / 15479	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 5
15510 / 15509	POS AT out-of-place section	DEF AT 5
15511 / 15510	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
15561 / 15560	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT 5
15600 / 15599	DEF AT Lower Miocene (Aquitanian) Cyclocargolithus abisectus	DEF AT 5
15601 / 15600	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
15615 / 15614	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
15616 / 15615	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT 5
15630 / 15629	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 5
15631 / 15630	DEF AT Lower Oligocene (Rupelian) Discoaster nodifer	DEF AT 5
15660 / 15659	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 26	Date of Summary: 01-SEP-1999	First Sample Examined: 9210
Lease Number: G13197	Source of Paleo: OPERATOR	Borehole MD: 17649
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17646
API Well Number: 608184001100	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9210 - 17649	Water Depth: 6505
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15690 / 15689	DEF AT Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT 5
15705 / 15704	DEF AT Upper Eocene (Priabonian) Sphenolithus obtusus	DEF AT 5
15706 / 15705	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT 5
15750 / 15749	DEF AT Middle Eocene (Bartonian) Chiasmolithus solitus	DEF AT 5
15765 / 15764	DEF IN Middle Eocene (Bartonian) Chiasmolithus solitus	DEF AT 5
15780 / 15779	DEF AT Middle Eocene (Bartonian) Sphenolithus radians	DEF AT 5
15810 / 15809	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
15811 / 15810	DEF AT Middle Eocene (Bartonian) Chiasmolithus gigas	DEF AT 5
15840 / 15839	POS IN Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT 5
15930 / 15929	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
15931 / 15930	DEF AT Upper Paleocene (Thanetian) Fasciculithus tympaniformis	DEF AT 5
16035 / 16034	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT 5
16036 / 16035	DEF AT Upper Paleocene (Thanetian) Heliolithus riedelli	DEF AT 5
16050 / 16049	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT 5
16080 / 16079	POS AT Lower Paleocene (Danian) Globigerina eugubina	DEF AT 5
16140 / 16139	DEF AT Lower Paleocene (Danian) Markalius inversus astroporus	DEF AT 5
16155 / 16154	POS IN Upper Cretaceous Turonian Stage	POS AT 3
16156 / 16155	POS IN Upper Cretaceous Cenomanian Stage	POS AT 3
16230 / 16229	DEF AT Upper Cretaceous (Cenomanian) Coriollithon kennedyi	POS AT 3
16320 / 16319	DEF AT Lower Cretaceous (Albian) Braarudosphaera africana	POS AT 3
16380 / 16379	POS AT Lower Cretaceous (Aptian) Conusphaera mexicana	POS AT 3
16560 / 16558	DEF AT Lower Cretaceous (Aptian) Nannoconus kamptneri	POS AT 3
16680 / 16678	DEF AT Lower Cretaceous (Barremian) Calcicalathina oblongata	POS AT 3
16770 / 16768	DEF AT Lower Cretaceous (Aptian) Globigerinelloides blowi	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 26	Date of Summary: 01-SEP-1999	First Sample Examined: 9210
Lease Number: G13197	Source of Paleo: OPERATOR	Borehole MD: 17649
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17646
API Well Number: 608184001100	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 9210 - 17649	Water Depth: 6505
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17130 / 17128	DEF AT Lower Cretaceous (Valanginian) Micrantholithus speetonensis	POS AT 3
17430 / 17428	DEF AT Lower Cretaceous (Berriasian) Polycostella beckmannii	POS AT 3
17550 / 17547	POS AT Upper Jurassic (Tithonian) Hexalithus noelae	POS AT 3
17649 / 17646	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 113	Date of Summary: 30-OCT-2000	First Sample Examined: 9490
Lease Number: G12265	Source of Paleo: OPERATOR	Borehole MD: 10228
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 10227
API Well Number: 608184001600	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 9490 - 10228	Water Depth: 6224
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Taos Prospect

MD / TVD	Paleo Top Description	Ecozone
9400 / 9400	DEF AT first sample examined	POS IN 3
9580 / 9580	DEF AT local marker foram increase	DEF IN 3
9760 / 9760	DEF AT faunal change (no faunal increase)	DEF AT 4
9910 / 9910	DEF AT faunal change (no faunal increase)	DEF AT 4
9940 / 9940	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9970 / 9970	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
10030 / 10030	DEF AT faunal change (no faunal increase)	DEF AT 4
10228 / 10228	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 113	Date of Summary: 01-NOV-2001	First Sample Examined: 9490
Lease Number: G12265	Source of Paleo: OPERATOR	Borehole MD: 10228
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10227
API Well Number: 608184001600	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 9490 - 10228	Water Depth: 6224
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Taos Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 9490	DEF AT first sample examined	DEF AT
9820 / 9820	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9940 / 9940	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10228 / 10228	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 113	Date of Summary: 30-OCT-2000	First Sample Examined: 10228
Lease Number: G12265	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16549
API Well Number: 608184001601	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 10228 - 17500	Water Depth: 6224
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Taos Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10228 / 10228	DEF AT first sample examined	DEF AT 4
10720 / 10720	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
10780 / 10780	DEF AT local marker foram increase	DEF IN 4
10990 / 10990	DEF AT cement	POS AT 4
11050 / 11050	DEF AT faunal change (no faunal increase)	DEF AT 4
11110 / 11110	DEF AT faunal change (no faunal increase)	DEF IN 4
11140 / 11140	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
11170 / 11170	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
11380 / 11380	DEF AT faunal change (no faunal increase)	DEF AT 4
11410 / 11410	DEF AT faunal change (no faunal increase)	DEF IN 4
11440 / 11440	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
11740 / 11739	DEF AT - - - -	DEF AT 4
11860 / 11859	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11890 / 11889	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11920 / 11919	DEF AT faunal change (no faunal increase)	DEF IN 4
11950 / 11949	DEF AT faunal change (no faunal increase)	DEF AT 4
12130 / 12129	DEF AT faunal change (no faunal increase)	DEF IN 4
12190 / 12189	DEF AT local marker foram increase	DEF IN 4
12280 / 12279	DEF AT faunal change (no faunal increase)	DEF AT 4
12940 / 12939	POS AT reworked material	DEF AT 4
12941 / 12940	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14350 / 14313	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 113	Date of Summary: 30-OCT-2000	First Sample Examined: 10228
Lease Number: G12265	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 16549
API Well Number: 608184001601	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 10228 - 17500	Water Depth: 6224
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14470 / 14422	DEF AT local marker foram increase	DEF AT 4
15040 / 14887	DEF AT local marker foram increase	DEF AT 4
15280 / 15053	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
17110 / 16285	DEF AT local marker foram increase	DEF AT 4
17260 / 16386	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
17460 / 16522	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 113	Date of Summary: 01-NOV-2001	First Sample Examined: 10229
Lease Number: G12265	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16549
API Well Number: 608184001601	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 10229 - 17500	Water Depth: 6224
Public Info Code: Y 14-FEB-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Taos Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
10229 / 10229	DEF AT first sample examined	DEF AT
10780 / 10780	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
10900 / 10900	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11030 / 11030	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
11080 / 11080	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11200 / 11200	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11320 / 11320	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11380 / 11380	DEF IN Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
11440 / 11440	DEF IN Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
12040 / 12039	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
12220 / 12219	POS AT Lower Pliocene (Zanclian) Discoaster challengerii	DEF AT
12970 / 12969	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13060 / 13059	POS IN Lower Pliocene (Zanclian) Discoaster challengerii	DEF AT
14650 / 14579	POS IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14710 / 14630	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15310 / 15073	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
16360 / 15781	POS AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
16630 / 15962	DEF AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
17500 / 16549	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 153	Date of Summary: 04-OCT-2001	First Sample Examined: 10520
Lease Number: G13211	Source of Paleo: OPERATOR	Borehole MD: 28100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 28008
API Well Number: 608184002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 10520 - 27760	Water Depth: 4785
Public Info Code: Y 18-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 12410=suture, 19620=in Miocene-Oligocene-Eocene coccolith mix, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
10520 / 10519	POS IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10640 / 10639	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10760 / 10759	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10910 / 10909	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
11030 / 11029	POS IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
11120 / 11119	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11150 / 11149	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11180 / 11179	POS AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
11210 / 11209	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11300 / 11299	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
11360 / 11359	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11449 / 11448	POS AT gouge	DEF AT
11450 / 11449	POS AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT
11451 / 11450	POS AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
11480 / 11479	POS AT Lower Oligocene (Rupelian) Sphenolithus pseudoradians	DEF AT
11630 / 11629	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
11689 / 11688	POS AT salt	DEF AT
11690 / 11689	POS AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
11810 / 11809	POS AT salt	DEF AT
12410 / 12408	POS IN Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
19260 / 19229	POS AT gouge	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 153	Date of Summary: 04-OCT-2001	First Sample Examined: 10520
Lease Number: G13211	Source of Paleo: OPERATOR	Borehole MD: 28100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 28008
API Well Number: 608184002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 10520 - 27760	Water Depth: 4785
Public Info Code: Y 18-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
22290 / 22245	POS IN gouge	DEF AT
22320 / 22275	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
22330 / 22285	POS AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
22340 / 22295	POS AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
22359 / 22314	POS AT gouge	DEF AT
22360 / 22315	POS AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
22370 / 22325	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
22380 / 22335	POS AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
22910 / 22862	DEF AT salt	DEF AT
24628 / 24549	DEF AT base of salt	DEF AT
24629 / 24550	POS AT gouge	DEF AT
24630 / 24551	POS AT Eocene	DEF AT
24870 / 24788	POS IN Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
25130 / 25046	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
25490 / 25405	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
26420 / 26332	POS AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
27760 / 27669	POS AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 153	Date of Summary: 01-DEC-2001	First Sample Examined: 10520
Lease Number: G13211	Source of Paleo: OPERATOR	Borehole MD: 28100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 28008
API Well Number: 608184002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 10520 - 28100	Water Depth: 4785
Public Info Code: Y 18-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report, 10580=Globorotalia multicamerata sinistral, 11240=possible top of shale sheath?, 12409=suture zone, with Miocene-Oligocene-Eocene mixed forams, 19620=possible top of shale sheath, in mix of Miocene-Oligocene-Eocene forams, 19680=possible normal section, 22330=Melonis 21, 22360=mixed, with mostly Upper Eocene, 27970=Globoquadrina altiformis dextral zone

MD / TVD	Paleo Top Description	Ecozone
10520 / 10519	DEF AT first sample examined	DEF AT
10521 / 10520	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10522 / 10521	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10580 / 10579	DEF AT local marker planktic foram increase	DEF AT
10639 / 10638	DEF AT anhydrite	DEF AT
10640 / 10639	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10760 / 10759	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10761 / 10760	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10879 / 10878	DEF AT anhydrite	DEF AT
10880 / 10879	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT
11000 / 10999	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT
11030 / 11029	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
11119 / 11118	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11120 / 11119	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
11150 / 11149	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11180 / 11179	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
11210 / 11209	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11239 / 11238	POS AT gouge	DEF AT
11240 / 11239	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
11300 / 11299	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 153	Date of Summary: 01-DEC-2001	First Sample Examined: 10520
Lease Number: G13211	Source of Paleo: OPERATOR	Borehole MD: 28100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 28008
API Well Number: 608184002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 10520 - 28100	Water Depth: 4785
Public Info Code: Y 18-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
11360 / 11359	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11420 / 11419	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
11449 / 11448	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT
11450 / 11449	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
11479 / 11478	DEF AT Lower Oligocene (Rupelian) Sphenolithus pseudoradians	DEF AT
11480 / 11479	POS AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT
11630 / 11629	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
11689 / 11688	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
11690 / 11689	DEF AT salt	DEF AT
11720 / 11719	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT
12409 / 12407	DEF AT out-of-place section	DEF AT
12410 / 12408	POS IN Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
19620 / 19587	POS IN Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
19630 / 19597	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
19640 / 19607	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
19680 / 19647	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
22150 / 22105	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
22289 / 22244	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
22290 / 22245	POS AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
22300 / 22255	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
22320 / 22275	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
22330 / 22285	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
22331 / 22286	DEF AT local marker deep water fauna	DEF AT
22340 / 22295	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: AT 153	Date of Summary: 01-DEC-2001	First Sample Examined: 10520
Lease Number: G13211	Source of Paleo: OPERATOR	Borehole MD: 28100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 28008
API Well Number: 608184002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 10520 - 28100	Water Depth: 4785
Public Info Code: Y 18-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
22360 / 22315	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
22370 / 22325	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
22380 / 22335	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
22390 / 22345	DEF AT salt	DEF AT
24630 / 24551	DEF AT base of salt	DEF AT
24631 / 24552	DEF AT Upper (Late) Eocene	DEF AT
24680 / 24600	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
24690 / 24610	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
24870 / 24788	DEF IN Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
24950 / 24867	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
25130 / 25046	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
25430 / 25345	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
25490 / 25405	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
26420 / 26332	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
26690 / 26602	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
26780 / 26691	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
27760 / 27669	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
27970 / 27878	POS AT Middle Miocene (Langhian) Globorotalia siakensis (coiling change left/right)	DEF AT
28100 / 28008	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 364	Date of Summary: 17-JUN-1992	First Sample Examined: 0
Lease Number: G07214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9070
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9070
API Well Number: 427044024700	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 09-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7470 / 7469	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7827 / 7826	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 364	Date of Summary: 14-OCT-1991	First Sample Examined: 0
Lease Number: G07214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9454
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8618
API Well Number: 427044024900	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 29-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8110 / 7379	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8840 / 8052	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 375	Date of Summary: 22-SEP-1992	First Sample Examined: 1030
Lease Number: G09010	Source of Paleo: OPERATOR	Borehole MD: 8200
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8200
API Well Number: 427044026300	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1030 - 8210	Water Depth: 63
Public Info Code: Y 16-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF AT 1
1960 / 1960	DEF AT local marker (general)	DEF AT 1
2140 / 2140	DEF AT local marker (general)	DEF AT 1
2800 / 2800	DEF AT cement	POS AT 1
2830 / 2830	POS AT - - - - -	DEF AT 1
2950 / 2950	DEF AT - - - - -	DEF AT 1
3490 / 3490	DEF AT local marker (general)	DEF AT 1
4840 / 4840	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5470 / 5470	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5770 / 5770	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
5860 / 5860	DEF AT local marker (general)	DEF AT 1
6230 / 6230	POS AT local marker (general)	DEF AT 1
6290 / 6290	DEF AT local marker foram increase	DEF AT 1
6410 / 6410	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
7160 / 7159	DEF AT local marker (general)	DEF AT 1
7490 / 7489	DEF AT local marker (general)	DEF AT 1
8150 / 8149	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 1
8180 / 8179	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 375	Date of Summary: 04-AUG-1999	First Sample Examined: 0
Lease Number: G09010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9563
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8597
API Well Number: 427044027900	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 04-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6810 / 6623	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8612 / 7911	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 375	Date of Summary: 03-MAR-1995	First Sample Examined: 0
Lease Number: G09010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9145
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8494
API Well Number: 427044019400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 20-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 / 6621	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7391 / 6910	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 376	Date of Summary: 04-APR-1992	First Sample Examined: 5000
Lease Number: G07215	Source of Paleo: OPERATOR	Borehole MD: 8380
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8378
API Well Number: 427044022900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8180	Water Depth: 66
Public Info Code: Y 25-JAN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Reported as well F001

MD / TVD	Paleo Top Description	Ecozone
5000 / 4999	DEF AT first sample examined	DEF AT 1
5420 / 5419	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5840 / 5839	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5900 / 5899	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
5960 / 5959	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
6380 / 6378	DEF AT sample gap top	POS AT 2
6440 / 6438	DEF AT sample gap bottom	DEF AT 2
6590 / 6588	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6740 / 6738	DEF AT - - - - -	DEF AT 3
7550 / 7548	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8180 / 8178	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 399	Date of Summary: 06-MAR-1991	First Sample Examined: 6980
Lease Number: G07218	Source of Paleo: OPERATOR	Borehole MD: 11742
Well Name: A002	Paleo Done By: STORK & ASS.	Borehole TVD: 10802
API Well Number: 427044022400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6980 - 11742	Water Depth: 60
Public Info Code: Y 26-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6951	DEF AT first sample examined	DEF AT 2
6981 / 6952	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7580 / 7472	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8990 / 8579	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
9800 / 9229	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
11690 / 10760	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 399	Date of Summary: 10-MAY-1997	First Sample Examined: 0
Lease Number: G07218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9314
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 427044030900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 31-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6739	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8235 / 7580	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 412	Date of Summary: 12-JUN-1990	First Sample Examined: 0
Lease Number: G05003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7600
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 7600
API Well Number: 427044022100	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 03-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6111 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7038 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 412	Date of Summary: 17-AUG-1999	First Sample Examined: 0
Lease Number: G05003	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8653
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7916
API Well Number: 427044019100	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 01-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6840 / 6357	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7850 / 7223	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 431	Date of Summary: 01-MAY-1991	First Sample Examined: 0
Lease Number: G09017	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7762
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7600
API Well Number: 427044023501	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6474 / 6355	POS IN Upper (Late) Miocene	DEF AT
7465 / 7308	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 432	Date of Summary: 28-OCT-1991	First Sample Examined: 4980
Lease Number: G09018	Source of Paleo: OPERATOR	Borehole MD: 7579
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7489
API Well Number: 427044025400	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4980 - 7560	Water Depth: 85
Public Info Code: Y 14-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4979	DEF AT first sample examined	DEF AT 1
4981 / 4980	DEF IN Miocene	DEF AT 1
5700 / 5699	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7110 / 7109	DEF AT deepwater facies Harang	DEF AT 2
7470 / 7469	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7530 / 7529	DEF AT last sample examined	DEF AT 1

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End Date: 31-DEC-2004

Area Block: BA 432	Date of Summary: 07-NOV-1991	First Sample Examined: 5550
Lease Number: G09018	Source of Paleo: OPERATOR	Borehole MD: 7652
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7555
API Well Number: 427044025401	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5550 - 7650	Water Depth: 85
Public Info Code: Y 22-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5549	DEF AT first sample examined	DEF AT 1
5551 / 5550	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6570 / 6552	DEF AT local marker planktic foram increase	DEF AT 1
7020 / 6975	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7530 / 7444	DEF AT sand	DEF AT 1
7620 / 7527	DEF AT last sample examined	DEF AT 1

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End Date: 31-DEC-2004

Area Block: BA 439	Date of Summary: 26-JUL-1996	First Sample Examined: 0
Lease Number: G11272	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7798
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7798
API Well Number: 427044022600	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 16-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5866 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6642 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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End Date: 31-DEC-2004

Area Block: BA 451	Date of Summary: 09-APR-1991	First Sample Examined: 0
Lease Number: G03935	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8484
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8250
API Well Number: 427044023400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 21-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 / 5090	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6004 / 5988	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6954 / 6840	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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End Date: 31-DEC-2004

Area Block: BA 475	Date of Summary: 09-APR-1991	First Sample Examined: 0
Lease Number: G09021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7700
API Well Number: 427044023300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 06-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 6519	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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End Date: 31-DEC-2004

Area Block: BA 501	Date of Summary: 24-JUL-1997	First Sample Examined: 0
Lease Number: G15723	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11909
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8750
API Well Number: 427044030500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5218 / 4285	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5634 / 4563	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6742 / 5297	DEF AT Cyclammina sp. (local marker)	DEF AT
8308 / 6335	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
15095 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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End Date: 31-DEC-2004

Area Block: BA 505	Date of Summary: 29-APR-1997	First Sample Examined: 0
Lease Number: G15724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8020
API Well Number: 427044030800	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6820 / 6820	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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End Date: 31-DEC-2004

Area Block: BA 515	Date of Summary: 19-JUN-1990	First Sample Examined: 0
Lease Number: G11277	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8387
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8387
API Well Number: 427044021400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 30-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4880 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5270 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5450 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6110 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6680 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
6740 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7250 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8070 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 515	Date of Summary: 23-JAN-1991	First Sample Examined: 0
Lease Number: G11277	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7535
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7534
API Well Number: 427044023000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 24-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 5470	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6230 / 6230	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 542	Date of Summary: 26-MAR-1999	First Sample Examined: 0
Lease Number: G12465	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11325
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11325
API Well Number: 427044024500	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 20-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5230 / 5230	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6130 / 6130	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8019 / 8018	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9878 / 9877	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-2000

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Area Block: BA 544	Date of Summary: 10-JAN-1992	First Sample Examined: 4000
Lease Number: G10226	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9500
API Well Number: 427044025700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9500	Water Depth: 117
Public Info Code: Y 06-FEB-2002	Ecozone Eq MMS: N	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 1
4001 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4210 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4960 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5140 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
5290 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
5860 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
6220 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6520 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6640 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 1
6910 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1
7570 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
7681 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
8259 /	DEF AT Bathysiphon fauna	DEF AT 1
8260 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 1
9160 /	DEF AT Eggerella sp. (local marker)	DEF AT 1
9490 /	DEF AT last sample examined	DEF AT 1

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 544	Date of Summary: 20-DEC-1994	First Sample Examined: 0
Lease Number: G10226	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11221
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 427044028200	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 24-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5450 / 5044	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6890 / 6290	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9590 / 8870	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9710 / 8990	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 552	Date of Summary: 01-JUN-1993	First Sample Examined: 0
Lease Number: G11283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 427044026900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 11-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 /	POS AT Lower (Early) Miocene	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 552	Date of Summary: 14-DEC-1993	First Sample Examined: 0
Lease Number: G11283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6624
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6624
API Well Number: 427044027500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 29-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5365 / 5365	POS AT Lower (Early) Miocene	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 552	Date of Summary: 11-NOV-1994	First Sample Examined: 0
Lease Number: G11283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7250
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7250
API Well Number: 427044026600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-JAN-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6250 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 552	Date of Summary: 11-APR-1997	First Sample Examined: 0
Lease Number: G11283	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8216
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 427044030600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 29-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6249 / 5600	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6981 / 6224	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA 577	Date of Summary: 07-AUG-2000	First Sample Examined: 0
Lease Number: G17111	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8532
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8531
API Well Number: 427044032700	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5885 / 5885	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7650 / 7649	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 1	Date of Summary: 28-NOV-2000	First Sample Examined: 0
Lease Number: G21312	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 427044032800	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6939 / 6939	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7952 / 7952	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9430 / 9428	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
11297 / 11291	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 10	Date of Summary: 09-SEP-2003	First Sample Examined: 5100
Lease Number: G21314	Source of Paleo: OPERATOR	Borehole MD: 18258
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18245
API Well Number: 427044034400	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 5100 - 18256	Water Depth: 127
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 5100	DEF AT first sample examined	DEF AT 2
5160 / 5160	DEF AT - - - - -	DEF AT 3
5220 / 5220	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5490 / 5490	DEF AT - - - - -	DEF AT 2
5730 / 5730	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6270 / 6270	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6780 / 6780	DEF AT - - - - -	DEF AT 3
8370 / 8370	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8550 / 8550	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8910 / 8910	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
11310 / 11310	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11910 / 11909	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
12060 / 12059	DEF AT last sample examined	DEF AT 4
15210 / 15205	DEF AT - - - - -	DEF AT 3
15570 / 15564	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
18256 / 18244	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 10	Date of Summary: 09-SEP-2003	First Sample Examined: 12060
Lease Number: G21314	Source of Paleo: OPERATOR	Borehole MD: 18258
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18245
API Well Number: 427044034400	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 12060 - 18256	Water Depth: 127
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12060 / 12059	DEF AT first sample examined	DEF AT
12545 / 12544	POS IN Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
15800 / 15794	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
18256 / 18244	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 20	Date of Summary: 24-AUG-1994	First Sample Examined: 10030
Lease Number: G03472	Source of Paleo: OPERATOR	Borehole MD: 14893
Well Name: 003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 14887
API Well Number: 427044028100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 10030 - 14907	Water Depth: 127
Public Info Code: Y 31-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Picaroon Prospect

MD / TVD	Paleo Top Description	Ecozone
10030 / 10029	DEF AT first sample examined	DEF AT 2
10690 / 10689	DEF AT local marker foram increase	DEF AT 2
11050 / 11049	DEF AT local marker foram increase	DEF AT 2
11830 / 11828	DEF AT local marker foram increase	DEF AT 2
11890 / 11888	DEF AT local marker foram increase	DEF AT 2
11950 / 11948	DEF AT local marker foram increase	DEF AT 2
12190 / 12188	DEF AT - - - -	DEF AT 3
12220 / 12218	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12430 / 12428	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12880 / 12877	DEF AT local marker foram increase	DEF AT 2
13300 / 13296	DEF AT local marker foram increase	DEF AT 2
14110 / 14105	DEF AT local marker foram increase	DEF AT 2
14830 / 14824	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
14860 / 14854	DEF AT local marker foram increase	DEF AT 3
14907 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 21	Date of Summary: 08-JUL-1991	First Sample Examined: 3500
Lease Number: G08120	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9399
API Well Number: 427044024400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9410	Water Depth: 122
Public Info Code: Y 09-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 2
3560 / 3560	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 2
4160 / 4160	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5180 / 5180	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5480 / 5480	DEF AT - - - - -	DEF AT 3
5990 / 5990	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
7130 / 7129	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7790 / 7789	DEF AT Middle Miocene (Serravallian) Globorotalia foysi robusta	DEF AT 3
7880 / 7879	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9410 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 104	Date of Summary: 05-FEB-1990	First Sample Examined: 0
Lease Number: G11297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10300
API Well Number: 427054012000	Drilling Operator: HALL-HOUSTON OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 03-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9400 / 9399	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 105	Date of Summary: 11-JUN-1992	First Sample Examined: 6510
Lease Number: G01757	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14485
API Well Number: 427054012200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 6510 - 15480	Water Depth: 192
Public Info Code: Y 21-NOV-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 / 6509	DEF AT first sample examined	DEF AT 2
6511 / 6510	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6840 / 6839	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7110 / 7109	DEF AT - - - - -	DEF AT 2
8250 / 8248	POS IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
10920 / 10909	DEF AT - - - - -	DEF AT 3
11280 / 11269	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12360 / 12348	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13080 / 13068	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
13320 / 13308	DEF AT - - - - -	DEF AT 1
14430 / 14417	DEF AT - - - - -	DEF AT 2
14550 / 14537	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
14670 / 14657	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
14730 / 14717	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
14760 / 14747	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14820 / 14807	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 3
14880 / 14867	DEF AT local marker benthic foram increase	DEF AT 4
14910 / 14897	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 4
15210 / 15197	DEF AT - - - - -	DEF AT 5
15330 / 15316	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
15390 / 15376	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 5
15450 / 15436	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 105	Date of Summary: 11-JUN-1992	First Sample Examined: 6510
Lease Number: G01757	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14485
API Well Number: 427054012200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 6510 - 15480	Water Depth: 192
Public Info Code: Y 21-NOV-2001	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15480 / 15465	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BA A 133	Date of Summary: 02-APR-1997	First Sample Examined: 0
Lease Number: G02665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13400
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 12829
API Well Number: 427054012700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 12-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8566 / 8283	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11684 / 11178	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BM 2	Date of Summary: 29-AUG-1991	First Sample Examined: 6500
Lease Number: 00369	Source of Paleo: OPERATOR	Borehole MD: 8026
Well Name: 071	Paleo Done By: OPERATOR	Borehole TVD: 7567
API Well Number: 177144000700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4100 - 8460	Water Depth: 46
Public Info Code: Y 21-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6195	DEF AT first sample examined	DEF AT 2
6620 / 6303	DEF AT - - - - -	DEF IN 1
6950 / 6600	DEF AT - - - - -	DEF AT 2
7760 / 7329	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8450 / 7920	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BS 55	Date of Summary: 05-JUN-1996	First Sample Examined: 4060
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 18289
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18165
API Well Number: 177264002900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4060 - 14200	Water Depth: 35
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4060 / 4060	DEF AT first sample examined	DEF AT 1
4120 / 4120	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5650 / 5650	DEF AT - - - - -	DEF AT 2
6130 / 6130	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6940 / 6940	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9280 / 9280	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9340 / 9340	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11710 / 11706	DEF AT - - - - -	DEF AT 5
12430 / 12426	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12520 / 12516	DEF AT - - - - -	DEF AT 6
13210 / 13199	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
14140 / 14061	DEF AT sample gap top	POS AT 6
14199 / 14116	DEF AT sample gap bottom	DEF AT 6
14200 / 14117	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: BS 55	Date of Summary: 05-JUN-1996	First Sample Examined: 10570
Lease Number: G04492	Source of Paleo: OPERATOR	Borehole MD: 18289
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18165
API Well Number: 177264002900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 10570 - 18280	Water Depth: 35
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bypass 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 / 10569	DEF AT first sample examined	DEF AT 4
11710 / 11706	DEF AT - - - - -	DEF AT 5
12100 / 12096	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12640 / 12636	DEF AT - - - - -	DEF AT 6
12850 / 12845	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
14470 / 14374	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
17320 / 17206	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
17470 / 17352	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
17529 / 17410	POS AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 5
17530 / 17411	POS AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 5
17590 / 17470	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 5
17680 / 17558	POS AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 5
17710 / 17588	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
17890 / 17767	DEF AT foram flood	DEF AT 5
18010 / 17886	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 5
18040 / 17916	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 5
18280 / 18156	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: CA 29	Date of Summary: 13-OCT-1994	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6929
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5152
API Well Number: 177284004900	Drilling Operator: ENTRE ENERGY CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4772 / 3771	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5853 / 4443	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6474 / 4843	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: CA 29	Date of Summary: 13-OCT-1994	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7056
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 177284005000	Drilling Operator: ENTRE ENERGY CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 25-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4874 / 3770	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5783 / 4428	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6390 / 4813	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: CA 29	Date of Summary: 13-OCT-1994	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6520
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 5209
API Well Number: 177284005101	Drilling Operator: ENTRE ENERGY CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 10-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4846 / 3752	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5669 / 4414	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6067 / 4782	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: CA 29	Date of Summary: 13-OCT-1994	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7012
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5250
API Well Number: 177284005201	Drilling Operator: ENTRE ENERGY CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 16-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 3767	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5874 / 4423	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6504 / 4874	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: CA 29	Date of Summary: 13-OCT-1994	First Sample Examined: 0
Lease Number: G05740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7410
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 5193
API Well Number: 177284005300	Drilling Operator: ENTRE ENERGY CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 / 3778	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6264 / 4422	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6840 / 4808	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: DC 133	Date of Summary: 10-MAY-1993	First Sample Examined: 0
Lease Number: G10444	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12564
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12563
API Well Number: 608234000100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 6530
Public Info Code: Y 07-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 / 8830	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10320 / 10320	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
11610 / 11608	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
11790 / 11788	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
11820 / 11818	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
12090 / 12088	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: DD 56	Date of Summary: 27-APR-1992	First Sample Examined: 22760
Lease Number: G06406	Source of Paleo: OPERATOR	Borehole MD: 22812
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 22807
API Well Number: 608224003900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1500 - 22864	Water Depth: 187
Public Info Code: Y 22-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: 22761=probable dune field, 22780=water-laden non-marine shale

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
22760 / 22756	DEF AT sandstone	DEF AT
22761 / 22757	DEF AT non-marine sediment	DEF AT 0
22779 / 22775	DEF AT gray shale	DEF AT 0
22780 / 22776	DEF AT non-marine sediment	DEF AT 0
22830 /	DEF AT caprock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 112	Date of Summary: 12-JUL-1990	First Sample Examined: 2490
Lease Number: G08195	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6657
API Well Number: 608044014700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2490 - 10300	Water Depth: 655
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2490 / 2170	DEF AT first sample examined	DEF AT
2491 / 2171	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4140 / 3109	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5040 / 3596	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5670 / 3941	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6210 / 4257	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8100 / 5303	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9840 / 6332	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9960 / 6416	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10110 / 6522	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10200 / 6586	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10280 / 6643	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10300 / 6657	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 112	Date of Summary: 13-JUL-1990	First Sample Examined: 2490
Lease Number: G08195	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6657
API Well Number: 608044014700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2490 - 10300	Water Depth: 655
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2490 / 2170	DEF AT first sample examined	DEF IN 5
2610 / 2230	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3960 / 3014	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4980 / 3564	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5670 / 3941	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8040 / 5271	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9900 / 6374	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9930 / 6395	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10260 / 6629	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10300 / 6657	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 112	Date of Summary: 21-OCT-1992	First Sample Examined: 2225
Lease Number: G08195	Source of Paleo: OPERATOR	Borehole MD: 7867
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6541
API Well Number: 608044015700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2225 - 7867	Water Depth: 638
Public Info Code: Y 23-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2225 / 2105	DEF AT first sample examined	DEF AT 5
2490 / 2317	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3030 / 2751	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3480 / 3117	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
3750 / 3339	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4030 / 3573	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
4750 / 4143	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5050 / 4375	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
6009 / 5122	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6010 / 5123	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
7450 / 6223	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7628 / 6359	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7629 / 6360	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
7630 / 6360	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
7690 / 6406	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
7867 / 6542	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 112	Date of Summary: 21-OCT-1992	First Sample Examined: 2225
Lease Number: G08195	Source of Paleo: OPERATOR	Borehole MD: 7867
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6541
API Well Number: 608044015700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2225 - 7867	Water Depth: 638
Public Info Code: Y 23-OCT-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2225 / 2105	DEF AT first sample examined	DEF AT
2226 / 2106	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3030 / 2751	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
3390 / 3044	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
3480 / 3117	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3840 / 3414	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4750 / 4143	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7480 / 6246	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7660 / 6383	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7750 / 6452	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7867 / 6542	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 156	Date of Summary: 28-APR-1992	First Sample Examined: 2270
Lease Number: G11411	Source of Paleo: OPERATOR	Borehole MD: 12843
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9873
API Well Number: 608044015500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 4	Sample Range: 2270 - 10260	Water Depth: 988
Public Info Code: Y 06-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 / 2270	DEF AT first sample examined	POS IN 5
2271 / 2271	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	POS IN 5
2480 / 2480	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
3290 / 3290	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 5
3470 / 3470	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
3560 / 3560	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
4370 / 4370	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
4770 / 4769	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4890 / 4886	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
5430 / 5387	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
5550 / 5489	DEF AT local marker planktic foram increase	DEF IN 5
5640 / 5563	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
9390 / 7547	POS AT reworked material	DEF IN 5
10140 / 7920	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10170 / 7936	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
10260 / 7984	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 156	Date of Summary: 28-APR-1992	First Sample Examined: 2270
Lease Number: G11411	Source of Paleo: OPERATOR	Borehole MD: 12843
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9873
API Well Number: 608044015500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 2 of 4	Sample Range: 2270 - 10260	Water Depth: 988
Public Info Code: Y 06-JUL-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for original hole, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 / 2270	DEF AT first sample examined	DEF AT
2480 / 2480	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3470 / 3470	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4369 / 4369	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4370 / 4370	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4860 / 4857	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5490 / 5439	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8490 / 7112	POS IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9390 / 7547	DEF AT reworked material	DEF AT
10140 / 7920	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10260 / 7984	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 156	Date of Summary: 28-APR-1992	First Sample Examined: 10260
Lease Number: G11411	Source of Paleo: OPERATOR	Borehole MD: 12843
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9873
API Well Number: 608044015500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 3 of 4	Sample Range: 10260 - 12843	Water Depth: 988
Public Info Code: Y 06-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10260 / 7984	DEF AT first sample examined	DEF IN 5
10261 / 7985	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
10262 / 7985	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
10650 / 8201	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
10740 / 8255	DEF AT - - - - -	DEF AT 6
11070 / 8469	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
11219 / 8576	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11220 / 8577	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
12000 / 9186	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
12300 / 9428	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
12330 / 9452	DEF AT Arenaceous fauna (local marker)	DEF AT 6
12510 / 9597	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
12570 / 9646	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
12810 / 9846	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
12843 / 9873	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 156	Date of Summary: 28-APR-1992	First Sample Examined: 10320
Lease Number: G11411	Source of Paleo: OPERATOR	Borehole MD: 12843
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9873
API Well Number: 608044015500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 4 of 4	Sample Range: 10320 - 12843	Water Depth: 988
Public Info Code: Y 06-JUL-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 / 8017	DEF AT first sample examined	DEF AT
10321 / 8017	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10322 / 8018	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10590 / 8166	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10920 / 8366	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
11220 / 8577	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
11640 / 8894	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
12180 / 9331	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12540 / 9622	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
12630 / 9696	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12843 / 9873	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 157	Date of Summary: 17-JUN-1991	First Sample Examined: 2220
Lease Number: G11412	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 608044015100	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 2220 - 7000	Water Depth: 998
Public Info Code: Y 15-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2220 / 2220	DEF AT first sample examined	DEF IN 4
2580 / 2580	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4289 / 4289	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4290 / 4290	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
4390 / 4390	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
4450 / 4450	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4720 / 4720	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
5320 / 5320	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
5950 / 5950	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
7000 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 157	Date of Summary: 18-JUN-1991	First Sample Examined: 2220
Lease Number: G11412	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 608044015100	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 2220 - 7000	Water Depth: 998
Public Info Code: Y 15-JUL-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2220 / 2220	DEF AT first sample examined	DEF AT
2580 / 2580	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3660 / 3660	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4390 / 4390	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4570 / 4570	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5410 / 5410	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 157	Date of Summary: 30-OCT-1991	First Sample Examined: 2330
Lease Number: G11412	Source of Paleo: OPERATOR	Borehole MD: 6313
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6313
API Well Number: 608044015200	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2330 - 6350	Water Depth: 941
Public Info Code: Y 03-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2330 /	DEF AT first sample examined	DEF IN 4
2420 /	DEF AT - - - - -	DEF AT 5
3320 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3500 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4130 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
4630 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5110 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
6350 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 157	Date of Summary: 30-OCT-1991	First Sample Examined: 2240
Lease Number: G11412	Source of Paleo: OPERATOR	Borehole MD: 6313
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6313
API Well Number: 608044015200	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2240 - 6350	Water Depth: 941
Public Info Code: Y 03-NOV-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2240 /	DEF AT first sample examined	DEF AT
2241 /	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3500 /	DEF AT local marker floral increase	DEF AT
4129 /	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
4130 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4220 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4600 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4990 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 164	Date of Summary: 05-NOV-1997	First Sample Examined: 2080
Lease Number: G17232	Source of Paleo: OPERATOR	Borehole MD: 5240
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4129
API Well Number: 608044016900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 2080 - 5230	Water Depth: 868
Public Info Code: Y 05-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2080 / 2080	DEF AT first sample examined	DEF AT 4
2170 / 2170	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3850 / 3642	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4210 / 3754	DEF AT local marker planktic foram increase	DEF AT 4
5230 / 4122	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 164	Date of Summary: 05-NOV-1997	First Sample Examined: 2080
Lease Number: G17232	Source of Paleo: OPERATOR	Borehole MD: 5240
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4129
API Well Number: 608044016900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2080 - 5230	Water Depth: 868
Public Info Code: Y 05-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2080 / 2080	DEF AT first sample examined	DEF AT
2240 / 2240	DEF AT local marker floral increase	DEF AT
2420 / 2418	DEF AT local marker floral decrease	DEF AT
2740 / 2724	DEF AT local marker floral increase	DEF AT
3040 / 3004	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3340 / 3272	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
3600 / 3488	DEF AT local marker floral increase	DEF AT
5230 / 4122	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 164	Date of Summary: 15-DEC-1997	First Sample Examined: 2900
Lease Number: G17232	Source of Paleo: OPERATOR	Borehole MD: 6701
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4967
API Well Number: 608044016901	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 2900 - 6701	Water Depth: 868
Public Info Code: Y 05-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2080 / 2080	DEF AT first sample examined	DEF AT 4
3890 / 3619	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6320 / 4744	DEF AT sample gap top	DEF AT 4
6470 / 4823	DEF AT sample gap bottom	DEF AT 4
6701 / 4952	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 164	Date of Summary: 15-DEC-1997	First Sample Examined: 2900
Lease Number: G17232	Source of Paleo: OPERATOR	Borehole MD: 6701
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4967
API Well Number: 608044016901	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2900 - 6701	Water Depth: 868
Public Info Code: Y 05-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2900 / 2875	DEF AT first sample examined	DEF AT
3350 / 3262	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5510 / 4346	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6320 / 4744	DEF AT sample gap top	DEF AT
6470 / 4823	DEF AT sample gap bottom	DEF AT
6701 / 4952	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 201	Date of Summary: 26-JAN-2001	First Sample Examined: 0
Lease Number: G17236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9734
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9727
API Well Number: 608044020101	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1332
Public Info Code: Y 15-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6199	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8790 / 8783	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9210 / 9203	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9510 / 9503	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 250	Date of Summary: 30-JAN-1998	First Sample Examined: 2450
Lease Number: G17242	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 11390
API Well Number: 608044017100	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2450 - 11990	Water Depth: 1074
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report, 11310=Praeorbulina circularis, 11370-11990=reworked Cretaceous calcareous nannofossils.
11550=Praeorbulina transitoria

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 / 2450	DEF AT first sample examined	DEF AT 4
2451 / 2451	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
2630 / 2630	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 4
4070 / 4069	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 4
4159 / 4158	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
4160 / 4159	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 4
4520 / 4519	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 4
4880 / 4879	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
4970 / 4969	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF IN 4
5330 / 5329	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
5420 / 5419	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 4
6050 / 6049	DEF AT faunal change (no faunal increase)	DEF AT 5
6410 / 6409	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 5
6500 / 6499	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
6590 / 6589	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7110 / 7109	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7350 / 7349	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
7830 / 7829	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
7950 / 7949	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
8070 / 8069	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8190 / 8188	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 250	Date of Summary: 30-JAN-1998	First Sample Examined: 2450
Lease Number: G17242	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 11390
API Well Number: 608044017100	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2450 - 11990	Water Depth: 1074
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 8307	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT 5
8370 / 8367	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8429 / 8425	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
8430 / 8426	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
8730 / 8719	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
8850 / 8835	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 5
9210 / 9177	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 5
9330 / 9288	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
9390 / 9343	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
9450 / 9398	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
9750 / 9662	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
9870 / 9762	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
9930 / 9811	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 5
10050 / 9905	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
10230 / 10042	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10320 / 10110	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
10528 / 10268	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 5
10529 / 10269	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
10530 / 10270	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
10650 / 10361	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 5
10770 / 10453	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (increase)	DEF AT 5
10890 / 10545	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11070 / 10683	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
11190 / 10775	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 250	Date of Summary: 30-JAN-1998	First Sample Examined: 2450
Lease Number: G17242	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 11390
API Well Number: 608044017100	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2450 - 11990	Water Depth: 1074
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
11250 / 10820	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
11310 / 10866	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
11370 / 10912	DEF AT reworked material	DEF AT 5
11550 / 11050	DEF AT local marker planktic foram increase	DEF AT 5
11670 / 11143	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
11990 / 11391	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 301	Date of Summary: 11-DEC-1997	First Sample Examined: 3270
Lease Number: G17248	Source of Paleo: OPERATOR	Borehole MD: 15580
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15576
API Well Number: 608044017000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3270 - 15580	Water Depth: 1945
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Conga Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3270 /	DEF AT first sample examined	DEF AT
6010 /	DEF AT local marker floral increase	DEF AT
6190 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6610 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9690 /	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10350 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10950 /	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11070 /	DEF AT local marker floral increase	DEF AT
11190 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12570 /	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12630 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12750 /	DEF AT reworked material	DEF AT
14310 /	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14370 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14430 /	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15210 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15390 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
15510 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
15580 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 301	Date of Summary: 04-FEB-1998	First Sample Examined: 3270
Lease Number: G17248	Source of Paleo: OPERATOR	Borehole MD: 15580
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15576
API Well Number: 608044017000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3270 - 15580	Water Depth: 1945
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Conga Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 /	DEF AT first sample examined	DEF IN 4
3271 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
3300 /	DEF AT - - - - -	DEF AT 4
3450 /	DEF AT local marker planktic foram increase	DEF IN 4
3480 /	DEF AT - - - - -	DEF AT 4
3960 /	DEF AT local marker planktic foram increase	DEF IN 4
4050 /	DEF AT - - - - -	DEF IN 4
4080 /	DEF AT local marker foram increase	DEF IN 4
4260 /	DEF AT local marker foram increase	DEF IN 4
4500 /	DEF AT sand	DEF IN 4
4530 /	DEF AT local marker foram decrease	DEF IN 3
5970 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
6000 /	DEF AT - - - - -	DEF AT 4
6060 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6120 /	DEF AT local marker benthic foram increase	DEF AT 4
6150 /	DEF AT - - - - -	DEF IN 4
6240 /	DEF AT - - - - -	DEF AT 4
6480 /	DEF AT - - - - -	DEF IN 4
6510 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
6690 /	DEF AT - - - - -	DEF AT 4
6930 /	DEF AT local marker foram increase	DEF AT 4
7260 /	DEF AT - - - - -	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 301	Date of Summary: 04-FEB-1998	First Sample Examined: 3270
Lease Number: G17248	Source of Paleo: OPERATOR	Borehole MD: 15580
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15576
API Well Number: 608044017000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3270 - 15580	Water Depth: 1945
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7620 /	DEF AT -----	DEF AT 4
7980 /	DEF AT -----	DEF IN 3
8070 /	DEF AT sand	DEF IN 3
9130 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9240 /	DEF AT -----	DEF IN 3
9480 /	DEF AT -----	DEF AT 4
9600 /	DEF AT -----	DEF IN 3
9840 /	DEF AT sand	DEF AT 3
10350 /	DEF AT -----	DEF IN 3
10380 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentes (acme "B")	DEF AT 4
10560 /	DEF AT -----	DEF IN 3
10821 /	DEF AT sand	DEF AT 3
10920 /	POS AT sand	DEF AT 3
10980 /	DEF AT -----	DEF IN 3
11160 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11250 /	DEF AT pyrite	DEF AT 4
11340 /	DEF AT -----	DEF IN 3
11370 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
11400 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
11520 /	DEF AT -----	DEF IN 3
11580 /	DEF AT -----	DEF AT 3
11730 /	DEF AT -----	DEF IN 2
11760 /	DEF AT pyrite	DEF IN 2
11880 /	DEF AT local marker benthic foram increase	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 301	Date of Summary: 04-FEB-1998	First Sample Examined: 3270
Lease Number: G17248	Source of Paleo: OPERATOR	Borehole MD: 15580
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15576
API Well Number: 608044017000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3270 - 15580	Water Depth: 1945
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11940 /	DEF AT sand	DEF AT 3
11970 /	DEF AT - - - - -	DEF IN 2
12390 /	POS AT reworked material	DEF IN 2
12420 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 3
12540 /	DEF AT local marker foram increase	DEF AT 4
12630 /	DEF AT - - - - -	DEF IN 4
12660 /	DEF AT foram flood	DEF IN 4
12900 /	DEF AT sand	DEF AT 4
13110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13199 /	DEF AT foram flood	DEF AT 4
13200 /	DEF AT local marker foram increase	DEF AT 4
13230 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
13320 /	DEF AT sand	DEF IN 3
13560 /	DEF AT - - - - -	DEF AT 4
14130 /	DEF AT local marker benthic foram increase	DEF AT 4
14250 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
14370 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
14460 /	DEF AT local marker foram increase	DEF AT 4
14490 /	DEF AT local marker foram increase	DEF AT 4
14550 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
14700 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14730 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
14940 /	DEF AT - - - - -	DEF IN 4
14970 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 301	Date of Summary: 04-FEB-1998	First Sample Examined: 3270
Lease Number: G17248	Source of Paleo: OPERATOR	Borehole MD: 15580
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15576
API Well Number: 608044017000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3270 - 15580	Water Depth: 1945
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15089 /	DEF AT pyrite	DEF IN 4
15090 /	POS AT local marker foram increase	DEF IN 4
15270 /	DEF AT - - - -	DEF AT 4
15330 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 4
15420 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
15550 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
15580 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 335	Date of Summary: 04-AUG-1997	First Sample Examined: 3000
Lease Number: G17251	Source of Paleo: OPERATOR	Borehole MD: 7011
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7011
API Well Number: 608044016700	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7014	Water Depth: 1544
Public Info Code: Y 25-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	POS IN 5
3001 / 3001	DEF AT cement	POS IN 5
3690 / 3690	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
4259 / 4259	DEF AT anhydrite	DEF IN 5
4260 / 4260	DEF AT salt	DEF IN 5
4289 / 4289	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
4290 / 4290	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 5
6060 / 6060	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
6090 / 6090	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
6208 / 6208	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
6209 / 6209	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6210 / 6210	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
6240 / 6240	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6450 / 6450	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6510 / 6510	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6600 / 6600	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
6810 / 6810	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
6930 / 6930	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
7014 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 639	Date of Summary: 17-DEC-2002	First Sample Examined: 7000
Lease Number: G19032	Source of Paleo: OPERATOR	Borehole MD: 11166
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9411
API Well Number: 608044023701	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 7000 - 11166	Water Depth: 3917
Public Info Code: Y 23-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6876	DEF AT first sample examined	DEF AT 5
7001 / 6876	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7030 / 6897	DEF IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
7059 / 6917	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
7060 / 6918	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7360 / 7104	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
7450 / 7154	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7990 / 7452	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8080 / 7502	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8260 / 7602	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
8380 / 7670	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 5
8770 / 7899	DEF AT local marker planktic foram increase	DEF AT 5
9220 / 8171	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10030 / 8686	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
10510 / 8995	DEF AT local marker deep water fauna	DEF IN 5
10539 / 9013	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 5
10540 / 9014	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 5
10629 / 9071	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
10630 / 9072	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10900 / 9242	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11166 / 9410	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 639	Date of Summary: 17-DEC-2002	First Sample Examined: 7000
Lease Number: G19032	Source of Paleo: OPERATOR	Borehole MD: 11166
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9411
API Well Number: 608044023701	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 7000 - 11166	Water Depth: 3917
Public Info Code: Y 23-DEC-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
7000 / 6876	DEF AT first sample examined	DEF AT
7001 / 6876	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7060 / 6918	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8230 / 7585	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8560 / 7774	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9250 / 8189	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri (increase)	DEF AT
9850 / 8569	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10540 / 9014	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11166 / 9410	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 639	Date of Summary: 02-JAN-2003	First Sample Examined: 7780
Lease Number: G19033	Source of Paleo: OPERATOR	Borehole MD: 9443
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8742
API Well Number: 608044023700	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 7780 - 9460	Water Depth: 3917
Public Info Code: Y 23-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7780 / 7512	DEF AT first sample examined	DEF IN 5
7810 / 7534	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7990 / 7668	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8200 / 7823	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
8230 / 7845	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 5
8380 / 7955	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
8620 / 8131	DEF AT faunal change (no faunal increase)	DEF AT 5
9220 / 8576	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9340 / 8665	DEF AT local marker deep water fauna	DEF IN 5
9460 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 639	Date of Summary: 02-JAN-2003	First Sample Examined: 7780
Lease Number: G19033	Source of Paleo: OPERATOR	Borehole MD: 9443
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8742
API Well Number: 608044023700	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 7780 - 9460	Water Depth: 3917
Public Info Code: Y 23-DEC-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7780 / 7512	DEF AT first sample examined	DEF AT
8200 / 7823	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8410 / 7977	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9160 / 8531	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
9460 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 832	Date of Summary: 29-JAN-2001	First Sample Examined: 5117
Lease Number: G20757	Source of Paleo: OPERATOR	Borehole MD: 7572
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7572
API Well Number: 608044020400	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 60
Paleo Report Num: 1 of 2	Sample Range: 5117 - 7573	Water Depth: 3536
Public Info Code: Y 23-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, the stratigraphic intervals 5280-5370 and 6480-6900 yielded mixed floral assemblages of Pleistocene/Late Miocene, Early Mlocene/Late Oligocene that were reworked or a displaced section

MD / TVD	Paleo Top Description	Ecozone
5117 / 5117	DEF AT first sample examined	DEF AT
5310 / 5310	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6510 / 6510	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6570 / 6570	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7470 / 7470	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7500 / 7500	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7573 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 832	Date of Summary: 31-JAN-2001	First Sample Examined: 5117
Lease Number: G20757	Source of Paleo: OPERATOR	Borehole MD: 7572
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7572
API Well Number: 608044020400	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 60
Paleo Report Num: 2 of 2	Sample Range: 5117 - 7500	Water Depth: 3536
Public Info Code: Y 23-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5117 / 5117	DEF AT first sample examined	DEF AT 5
7500 / 7500	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7573 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 945	Date of Summary: 14-OCT-1992	First Sample Examined: 6775
Lease Number: G08211	Source of Paleo: OPERATOR	Borehole MD: 11930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11929
API Well Number: 608044014900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6775 - 11930	Water Depth: 4645
Public Info Code: Y 02-SEP-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Diana Prospect, company-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6775 / 6775	DEF AT first sample examined	DEF AT 5
6776 / 6776	DEF IN Upper Pleistocene (Ionian) Helicosphaera inversa	DEF AT 5
7200 / 7200	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 5
7260 / 7260	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
7320 / 7320	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8070 / 8070	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8160 / 8160	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 5
8190 / 8190	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8220 / 8220	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8280 / 8280	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8340 / 8340	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8729 / 8729	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
8730 / 8730	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8820 / 8820	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
10230 / 10230	POS AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
10297 / 10297	DEF AT reworked material	DEF AT 5
10544 / 10544	POS AT unconformity	DEF AT 5
10545 / 10545	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10590 / 10590	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
10768 / 10768	DEF AT unconformity	DEF AT 5
10769 / 10769	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 945	Date of Summary: 14-OCT-1992	First Sample Examined: 6775
Lease Number: G08211	Source of Paleo: OPERATOR	Borehole MD: 11930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11929
API Well Number: 608044014900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6775 - 11930	Water Depth: 4645
Public Info Code: Y 02-SEP-2000	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10770 / 10770	POS IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10800 / 10800	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10830 / 10830	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
10860 / 10860	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10889 / 10889	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
10890 / 10890	DEF IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
10949 / 10949	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
10950 / 10950	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
11010 / 11010	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
11040 / 11040	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
11070 / 11070	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
11119 / 11119	POS AT reworked material	DEF AT 5
11120 / 11120	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
11249 / 11249	DEF AT Middle Miocene (Serravallian) Calcidiscus premacintyreii	DEF AT 5
11250 / 11250	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
11310 / 11310	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
11430 / 11430	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaptera	DEF AT 5
11730 / 11730	POS AT Lower Miocene (Burdigalian) Orthorhabdus serratus	DEF AT 5
11790 / 11790	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT 5
11820 / 11820	POS IN Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
11930 / 11929	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 994	Date of Summary: 20-MAY-1997	First Sample Examined: 7000
Lease Number: G12629	Source of Paleo: OPERATOR	Borehole MD: 12745
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12745
API Well Number: 608044016500	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 7000 - 12745	Water Depth: 4585
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF AT
8130 / 8130	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8430 / 8430	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
8730 / 8730	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9320 / 9320	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9440 / 9440	DEF AT faunal change (no faunal increase)	POS AT 5
9860 / 9860	DEF AT faunal change (no faunal increase)	DEF AT 6
9889 / 9889	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 6
9890 / 9890	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	POS AT 6
9980 / 9980	DEF AT faunal change (no faunal increase)	POS AT 5
10220 / 10220	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 5
10730 / 10730	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	POS AT 5
11360 / 11360	DEF AT local marker planktic foram increase	POS AT 5
12410 / 12410	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	POS AT 5
12680 / 12680	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	POS AT 5
12745 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EB 994	Date of Summary: 30-MAY-1997	First Sample Examined: 9264
Lease Number: G12629	Source of Paleo: OPERATOR	Borehole MD: 13806
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13116
API Well Number: 608044016501	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 9264 - 13806	Water Depth: 4585
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9264 / 9264	DEF AT first sample examined	DEF AT
9910 / 9897	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10960 / 10844	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12400 / 11980	DEF AT - - - - -	POS AT 5
13240 / 12647	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	POS AT 5
13420 / 12793	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	POS AT 5
13806 / 13116	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 2	Date of Summary: 03-JAN-1995	First Sample Examined: 0
Lease Number: G10605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12671
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12163
API Well Number: 177034065701	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 12-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11210 / 10981	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12280 / 11853	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 2	Date of Summary: 05-JAN-1995	First Sample Examined: 0
Lease Number: G10605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13490
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13489
API Well Number: 177034065400	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 28-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11786 / 11785	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11920 / 11919	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 14	Date of Summary: 15-APR-1998	First Sample Examined: 0
Lease Number: G13572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17149
Well Name: CF002	Paleo Done By: OPERATOR	Borehole TVD: 16399
API Well Number: 177034068600	Drilling Operator: FORCENERGY INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 07-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9208 / 9208	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11700 / 11585	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13875 / 13541	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 23	Date of Summary: 12-MAR-1990	First Sample Examined: 0
Lease Number: G02853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14620
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 14615
API Well Number: 177034058700	Drilling Operator: SONAT OFFSHORE DRILLING	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 11-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7068 / 7068	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8415 / 8414	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9145 / 9144	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9715 / 9714	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10000 / 9999	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12660 / 12659	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13743 / 13742	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 34	Date of Summary: 20-FEB-1998	First Sample Examined: 0
Lease Number: G17834	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11301
API Well Number: 177034084700	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 / 10392	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 43	Date of Summary: 11-JUN-1997	First Sample Examined: 0
Lease Number: G16230	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16012
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177034082300	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7640 / 7628	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8160 / 8148	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8765 / 8753	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10125 / 10113	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10570 / 10558	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11690 / 11678	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
15380 / 15367	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 45	Date of Summary: 13-FEB-1995	First Sample Examined: 0
Lease Number: G03287	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10197
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 9609
API Well Number: 177034068000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 02-JAN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9853 / 9302	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 49	Date of Summary: 27-SEP-1994	First Sample Examined: 0
Lease Number: G00932	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15444
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 15440
API Well Number: 177034066300	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 14-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 / 10849	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
12727 / 12726	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 60	Date of Summary: 08-APR-1993	First Sample Examined: 9716
Lease Number: G05359	Source of Paleo: OPERATOR	Borehole MD: 18168
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 18168
API Well Number: 177034063200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5749 - 18167	Water Depth: 50
Public Info Code: Y 11-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9716 / 9716	DEF AT first sample examined	DEF AT
9994 / 9994	DEF AT sample gap top	DEF AT
12407 / 12407	DEF AT sample gap bottom	DEF AT
12500 / 12499	DEF AT sample gap top	DEF AT
13090 / 13089	DEF AT sample gap bottom	DEF AT
13510 / 13509	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
13690 / 13688	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
13720 / 13718	DEF AT sample gap top	POS AT 2
15250 / 15247	DEF AT sample gap bottom	DEF AT 2
15730 / 15726	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
16960 / 16954	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
18167 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 60	Date of Summary: 13-JAN-2000	First Sample Examined: 0
Lease Number: G05359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12950
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11760
API Well Number: 177034057902	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 11-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11825 / 11001	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 60	Date of Summary: 17-JAN-2000	First Sample Examined: 0
Lease Number: G05359	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15110
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 14640
API Well Number: 177034067600	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 11-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
9360 / 9169	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11302 / 11013	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11806 / 11492	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13100 / 12713	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
14496 / 14048	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 62	Date of Summary: 14-MAY-1998	First Sample Examined: 0
Lease Number: G13574	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8573
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 177034085101	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 23-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7177 / 5820	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8105 / 6469	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 62	Date of Summary: 16-JUN-1998	First Sample Examined: 0
Lease Number: G13574	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8060
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7027
API Well Number: 177034085600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 23-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7026 / 6183	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7795 / 6808	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 64	Date of Summary: 10-MAR-1993	First Sample Examined: 0
Lease Number: 00089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16600
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 16418
API Well Number: 177034062900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 03-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8970 / 8970	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9180 / 9180	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10170 / 10170	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11520 / 11514	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12760 / 12724	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 64	Date of Summary: 27-AUG-1993	First Sample Examined: 0
Lease Number: 00089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12700
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 11499
API Well Number: 177034064000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 01-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 7816	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9330 / 8149	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11970 / 10768	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 64	Date of Summary: 14-AUG-1991	First Sample Examined: 0
Lease Number: 00089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13150
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12208
API Well Number: 177034061200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 18-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6580 / 6297	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7540 / 7210	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8650 / 8278	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9220 / 8830	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9430 / 9035	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10390 / 9989	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11890 / 11489	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 80	Date of Summary: 10-NOV-1997	First Sample Examined: 0
Lease Number: G16231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12021
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12014
API Well Number: 177034084100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6890	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7508 / 7508	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8535 / 8534	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
9002 / 9001	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
10818 / 10815	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
11653 / 11647	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 118	Date of Summary: 28-AUG-2002	First Sample Examined: 4790
Lease Number: G14362	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 003	Paleo Done By: BANE AND SCHUNICK	Borehole TVD: 11552
API Well Number: 177034093200	Drilling Operator: PETROQUEST ENERGY LLC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4790 - 11722	Water Depth: 70
Public Info Code: Y 17-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4790 / 4788	DEF AT first sample examined	DEF AT 2
5090 / 5087	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5440 / 5437	DEF AT Upper Miocene (Messinian) Textularia "X"	POS AT 2
5620 / 5617	DEF AT - - - - -	DEF IN 2
5710 / 5707	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 2
6070 / 6067	DEF AT local marker foram increase	DEF IN 2
6250 / 6247	DEF AT Cyclammina cancellata (local marker)	DEF IN 2
6520 / 6517	DEF AT faunal change (no faunal increase)	DEF IN 2
6610 / 6607	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
6700 / 6697	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6770 / 6767	DEF AT - - - - -	DEF IN 2
6970 / 6966	DEF AT - - - - -	DEF AT 3
7150 / 7146	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7240 / 7236	DEF AT - - - - -	DEF IN 2
7330 / 7326	DEF AT - - - - -	DEF AT 3
7420 / 7416	DEF AT local marker planktic foram increase	DEF IN 3
7534 / 7530	DEF AT - - - - -	DEF IN 2
7600 / 7596	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
7780 / 7776	DEF AT foram flood	DEF IN 3
8320 / 8312	DEF AT - - - - -	DEF AT 3
8484 / 8472	DEF AT - - - - -	DEF IN 2
8860 / 8828	DEF AT local marker planktic foram increase	POS AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 118	Date of Summary: 28-AUG-2002	First Sample Examined: 4790
Lease Number: G14362	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 003	Paleo Done By: BANE AND SCHUNICK	Borehole TVD: 11552
API Well Number: 177034093200	Drilling Operator: PETROQUEST ENERGY LLC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4790 - 11722	Water Depth: 70
Public Info Code: Y 17-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8950 / 8909	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
9310 / 9218	POS AT faunal change (no faunal increase)	DEF IN 3
9510 / 9384	DEF AT local marker foram increase	POS AT 4
9540 / 9409	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
9580 / 9442	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9750 / 9583	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9909 / 9712	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10300 / 10006	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10390 / 10070	DEF AT local marker foram increase	DEF AT 3
10570 / 10201	DEF AT - - - - -	DEF IN 3
10660 / 10267	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
10790 / 10361	DEF AT - - - - -	DEF AT 3
10840 / 10397	DEF AT - - - - -	DEF IN 2
10930 / 10462	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	POS AT 4
11020 / 10526	DEF AT local marker planktic foram increase	DEF AT 4
11110 / 10590	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
11722 / 11021	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 122	Date of Summary: 15-MAY-2000	First Sample Examined: 0
Lease Number: G21066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10200
API Well Number: 177034087900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5054 / 5054	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6280 / 6280	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
7740 / 7740	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7926 / 7926	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9777 / 9777	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 126	Date of Summary: 16-DEC-1998	First Sample Examined: 5020
Lease Number: G15139	Source of Paleo: OPERATOR	Borehole MD: 12995
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12167
API Well Number: 177034085200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 5020 - 12995	Water Depth: 72
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5020 / 5020	DEF AT first sample examined	POS AT 2
5021 / 5021	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
6400 / 6286	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 2
6730 / 6578	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 2
7830 / 7550	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
8400 / 8056	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
8610 / 8244	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 2
10350 / 9798	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
10920 / 10311	DEF AT Upper Miocene (Tortonian) Cyclammina 3	POS AT 3
12070 / 11315	DEF IN Upper Miocene (Tortonian) Cyclammina 3	POS IN 3
12680 / 11856	DEF AT - - - -	DEF AT 4
12770 / 11936	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 4
12995 / 12136	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 134	Date of Summary: 03-AUG-1999	First Sample Examined: 0
Lease Number: G19744	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11486
API Well Number: 177034086400	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4650 / 4650	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5200 / 5199	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
5420 / 5419	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6400 / 6399	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8000 / 7999	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8400 / 8399	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 138	Date of Summary: 23-MAY-1995	First Sample Examined: 0
Lease Number: G13863	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8071
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8070
API Well Number: 177034068300	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 30-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 / 4350	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6620 / 6620	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7320 / 7320	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 138	Date of Summary: 21-NOV-1996	First Sample Examined: 0
Lease Number: G13863	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10901
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8834
API Well Number: 177034065900	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 30-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4719 / 4689	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6480 / 6028	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7664 / 6668	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10725 / 8702	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 148	Date of Summary: 15-JUN-1994	First Sample Examined: 5030
Lease Number: G05370	Source of Paleo: OPERATOR	Borehole MD: 10695
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10432
API Well Number: 177034066100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 5030 - 10695	Water Depth: 80
Public Info Code: Y 14-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5011	DEF AT first sample examined	DEF AT
5150 / 5126	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5390 / 5354	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6050 / 5981	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9410 / 9185	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10695 / 10432	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 151	Date of Summary: 19-JAN-1995	First Sample Examined: 6020
Lease Number: G05372	Source of Paleo: OPERATOR	Borehole MD: 10700
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8667
API Well Number: 177034066700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4310 - 10413	Water Depth: 110
Public Info Code: Y 30-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6020 / 5154	DEF AT first sample examined	DEF AT 0
6350 / 5377	DEF AT - - - - -	DEF AT 1
6560 / 5516	DEF AT - - - - -	DEF AT 2
8780 / 7030	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT 2
9050 / 7232	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
9680 / 7746	DEF AT - - - - -	DEF AT 3
10040 / 8060	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
10413 / 8401	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 152	Date of Summary: 21-JAN-1999	First Sample Examined: 6000
Lease Number: G17849	Source of Paleo: OPERATOR	Borehole MD: 9990
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9960
API Well Number: 177034086200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6000 - 9990	Water Depth: 82
Public Info Code: Y 18-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5972	DEF AT first sample examined	DEF AT 1
6510 / 6482	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6720 / 6692	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 1
6780 / 6752	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 1
7120 / 7092	DEF AT faunal change (no faunal increase)	POS AT 2
7380 / 7352	DEF AT faunal change (no faunal increase)	DEF AT 1
7620 / 7592	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 1
7650 / 7622	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 1
7679 / 7651	DEF AT unconformity	DEF AT 3
7680 / 7652	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
8610 / 8580	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
8730 / 8700	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9510 / 9479	DEF AT faunal change (no faunal increase)	DEF IN 3
9870 / 9839	DEF AT unconformity	DEF AT 4
9990 / 9958	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 5790
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 6	Sample Range: 5790 - 10290	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5790 / 5784	DEF AT first sample examined	DEF AT 2
5820 / 5814	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6750 / 6744	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8130 / 8124	DEF AT - - - - -	DEF AT 3
8190 / 8184	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9450 / 9443	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10290 / 10281	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 10010
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 6	Sample Range: 10010 - 11850	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bypass 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 10002	DEF AT first sample examined	DEF AT 3
10470 / 10460	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11070 / 11052	DEF AT - - - - -	DEF AT 4
11280 / 11248	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11850 / 11746	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 9480
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 6	Sample Range: 9480 - 10260	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9473	DEF AT first sample examined	DEF AT
9481 / 9474	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10260 / 10251	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 10010
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 4 of 6	Sample Range: 10010 - 11850	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for bypass 1, no diagnostic coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 10002	DEF AT first sample examined	DEF AT
11850 / 11746	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 11340
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 5 of 6	Sample Range: 11340 - 13800	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for bypass 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11340 / 11302	DEF AT first sample examined	DEF AT
11610 / 11540	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
13800 / 13388	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 20-DEC-1993	First Sample Examined: 13740
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16253
API Well Number: 177034065000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 6 of 6	Sample Range: 13740 - 17100	Water Depth: 76
Public Info Code: Y 15-JAN-2004	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report for bypass 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13740 / 13336	DEF AT first sample examined	DEF AT
14700 / 14189	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
17100 / 16253	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 24-MAY-1994	First Sample Examined: 6000
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 12529
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11741
API Well Number: 177034065800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 6000 - 12530	Water Depth: 76
Public Info Code: Y 16-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5529	DEF AT first sample examined	DEF AT 2
7170 / 6561	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8310 / 7577	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9270 / 8498	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9420 / 8646	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
10470 / 9689	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11340 / 10559	DEF AT - - - -	DEF AT 4
12300 / 11514	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12530 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 24-MAY-1994	First Sample Examined: 9000
Lease Number: G12831	Source of Paleo: OPERATOR	Borehole MD: 12529
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11741
API Well Number: 177034065800	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 9000 - 12530	Water Depth: 76
Public Info Code: Y 16-JUN-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
9000 / 8235	DEF AT first sample examined	DEF AT
9720 / 8942	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11400 / 10619	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
12299 / 11513	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
12300 / 11514	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12523 / 11735	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12530 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 157	Date of Summary: 11-OCT-1994	First Sample Examined: 0
Lease Number: G12831	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12896
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11420
API Well Number: 177034067100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 07-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6080 / 5537	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7130 / 6441	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9080 / 8141	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10820 / 9670	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11150 / 9946	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11750 / 10453	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
12410 / 11014	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 169	Date of Summary: 10-OCT-2001	First Sample Examined: 0
Lease Number: G21071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15212
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15191
API Well Number: 177034091600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 21-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD

Paleo Top Description

Ecozone

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Start Date: 01-JAN-2000

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Area Block: EC 173	Date of Summary: 30-MAR-1999	First Sample Examined: 1220
Lease Number: G16241	Source of Paleo: OPERATOR	Borehole MD: 15930
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15930
API Well Number: 177034085800	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 1220 - 15890	Water Depth: 90
Public Info Code: Y 31-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1220 / 1220	DEF AT first sample examined	DEF AT 1
6560 / 6560	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7700 / 7700	DEF AT - - - - -	DEF AT 3
8960 / 8959	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11690 / 11688	DEF AT pyrite	DEF AT 3
12230 / 12228	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
14210 / 14208	DEF AT Bathysiphon fauna	DEF IN 3
14390 / 14388	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
15890 / 15886	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 185	Date of Summary: 12-JUL-1996	First Sample Examined: 0
Lease Number: G05377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10994
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10403
API Well Number: 177034080700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 08-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 / 9466	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9960 / 9694	DEF AT salt stringer	DEF AT
10145 / 9821	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 185	Date of Summary: 17-JUL-1996	First Sample Examined: 0
Lease Number: G05377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10613
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10351
API Well Number: 177034080701	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 08-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9587	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10343 / 10128	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 185	Date of Summary: 22-OCT-1997	First Sample Examined: 0
Lease Number: G05377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11968
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11396
API Well Number: 177034080901	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 08-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10110 / 9748	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 04-JUN-1993	First Sample Examined: 4020
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 10902
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7328
API Well Number: 177034064200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 4020 - 10902	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3346	DEF AT first sample examined	DEF AT 1
6330 / 4688	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7020 / 5088	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9660 / 6578	DEF AT local marker benthic foram increase	DEF AT 3
9900 / 6716	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10860 / 7302	POS AT domal material	DEF AT 3
10902 / 7328	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 07-JUN-1993	First Sample Examined: 7500
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 10902
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7328
API Well Number: 177034064200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 7500 - 10902	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 5378	DEF AT first sample examined	DEF AT
7501 / 5379	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9660 / 6578	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9930 / 6734	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10902 / 7328	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 20-JUL-1993	First Sample Examined: 3460
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7199
API Well Number: 177034064400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3460 - 7990	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3460 / 3460	DEF AT first sample examined	DEF AT 1
3490 / 3490	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5650 / 5523	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
6430 / 6096	DEF AT pyrite	DEF AT 3
6460 / 6118	DEF AT local marker foram increase	DEF AT 3
6760 / 6332	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7060 / 6545	DEF AT local marker planktic foram increase	DEF AT 3
7690 / 6985	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
7990 / 7192	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 22-JUL-1993	First Sample Examined: 7000
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7199
API Well Number: 177034064400	Drilling Operator: HESS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 7000 - 7990	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6503	DEF AT first sample examined	DEF AT
7001 / 6503	POS IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7990 / 7192	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 20-JUL-1993	First Sample Examined: 5000
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 9560
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7764
API Well Number: 177034064401	Drilling Operator: HESS CORPORATION	Rkb Elevation: 198
Paleo Report Num: 1 of 2	Sample Range: 5000 - 9560	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4780	DEF AT first sample examined	DEF AT 1
5840 / 5315	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7670 / 6507	DEF AT local marker benthic foram increase	DEF AT 3
7760 / 6565	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9560 / 7765	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 188	Date of Summary: 22-JUL-1993	First Sample Examined: 6020
Lease Number: G13586	Source of Paleo: OPERATOR	Borehole MD: 9560
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7764
API Well Number: 177034064401	Drilling Operator: HESS CORPORATION	Rkb Elevation: 198
Paleo Report Num: 2 of 2	Sample Range: 6020 - 9560	Water Depth: 91
Public Info Code: Y 27-SEP-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5433	DEF AT first sample examined	DEF AT
6290 / 5615	POS IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6380 / 5676	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6860 / 5990	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9560 / 7765	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 189	Date of Summary: 03-DEC-1991	First Sample Examined: 0
Lease Number: G08650	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6300
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5657
API Well Number: 177034062000	Drilling Operator: KOCH INDUSTRIES INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 28-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5949 / 5308	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6210 / 5567	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 190	Date of Summary: 02-FEB-1998	First Sample Examined: 0
Lease Number: G17859	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11034
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10960
API Well Number: 177034084200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7281 / 7278	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10258 / 10227	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 193	Date of Summary: 30-JUL-1997	First Sample Examined: 4500
Lease Number: G08651	Source of Paleo: OPERATOR	Borehole MD: 7560
Well Name: C001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6781
API Well Number: 177034082700	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4500 - 7560	Water Depth: 99
Public Info Code: Y 02-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 7440=Upper Miocene Polyperibola christiani LAD (7.2 my)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4213	DEF AT first sample examined	DEF AT 1
4501 / 4214	POS IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
5220 / 4826	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5310 / 4902	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
5430 / 5004	DEF AT faunal change (no faunal increase)	DEF AT 2
5970 / 5462	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
6000 / 5487	DEF AT faunal change (no faunal increase)	DEF AT 1
6180 / 5635	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
6598 / 5977	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6599 / 5978	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
6600 / 5979	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
6930 / 6252	DEF AT faunal change (no faunal increase)	POS AT 3
7020 / 6328	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	POS AT 3
7199 / 6479	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7200 / 6480	DEF AT Upper Miocene (Messinian) Textularia tatumi	POS AT 3
7260 / 6531	DEF AT faunal change (no faunal increase)	DEF AT 3
7440 / 6681	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
7530 / 6756	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 198	Date of Summary: 22-OCT-1997	First Sample Examined: 4540
Lease Number: G16246	Source of Paleo: OPERATOR	Borehole MD: 10162
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9278
API Well Number: 177034084000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4540 - 10162	Water Depth: 105
Public Info Code: Y 30-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4540 / 4540	DEF AT first sample examined	DEF AT 1
5740 / 5740	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6370 / 6369	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7240 / 7195	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7510 / 7432	DEF AT local marker foram decrease	DEF AT 2
8890 / 8432	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9340 / 8733	DEF AT local marker benthic foram increase	DEF AT 3
10000 / 9172	DEF AT local marker benthic foram increase	DEF AT 3
10162 / 9278	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 208	Date of Summary: 08-JAN-1998	First Sample Examined: 0
Lease Number: G17861	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8099
API Well Number: 177034084400	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 211	Date of Summary: 17-JUL-2000	First Sample Examined: 0
Lease Number: G21072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10337
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10237
API Well Number: 177034088100	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6270 / 6268	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6870 / 6868	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7350 / 7348	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8580 / 8578	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
9660 / 9632	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9750 / 9716	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 215	Date of Summary: 02-AUG-1996	First Sample Examined: 0
Lease Number: G12839	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5950
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5950
API Well Number: 177034080300	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 29-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5768 / 5768	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 222	Date of Summary: 15-NOV-1993	First Sample Examined: 0
Lease Number: G02037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9863
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9859
API Well Number: 177034063100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 24-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8845 / 8842	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 277	Date of Summary: 14-JAN-2004	First Sample Examined: 13672
Lease Number: G24808	Source of Paleo: OPERATOR	Borehole MD: 13784
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13777
API Well Number: 177044104700	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 13672 - 13754	Water Depth: 180
Public Info Code: Y 18-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13672 / 13666	DEF AT first sample examined	DEF AT 4
13673 / 13667	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
13674 / 13668	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13753 / 13746	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13754 / 13747	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 281	Date of Summary: 20-MAY-1991	First Sample Examined: 6900
Lease Number: G02050	Source of Paleo: OPERATOR	Borehole MD: 16233
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13520
API Well Number: 177044073200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 4800 - 12420	Water Depth: 170
Public Info Code: Y 14-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6899	DEF AT first sample examined	DEF AT 1
7770 / 7769	DEF AT -----	DEF AT 3
8160 / 8159	DEF AT -----	DEF AT 2
10080 / 9996	DEF AT -----	DEF AT 3
10260 / 10147	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11820 / 11137	DEF AT -----	DEF AT 2
12420 / 11443	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 281	Date of Summary: 05-SEP-1991	First Sample Examined: 11760
Lease Number: G02050	Source of Paleo: OPERATOR	Borehole MD: 16233
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13520
API Well Number: 177044073200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 11760 - 13425	Water Depth: 170
Public Info Code: Y 14-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11760 / 11107	DEF AT first sample examined	DEF IN 3
11820 / 11137	DEF AT -----	DEF AT 2
12690 / 11579	DEF AT -----	DEF AT 3
13290 / 11888	DEF AT -----	DEF AT 2
13425 / 11961	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 281	Date of Summary: 05-SEP-1991	First Sample Examined: 13050
Lease Number: G02050	Source of Paleo: OPERATOR	Borehole MD: 16233
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13520
API Well Number: 177044073200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 13050 - 16230	Water Depth: 170
Public Info Code: Y 14-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13050 / 11759	DEF AT first sample examined	DEF IN 3
13290 / 11888	DEF AT - - - - -	DEF AT 2
14280 / 12411	DEF AT - - - - -	DEF AT 3
15000 / 12820	DEF AT - - - - -	DEF AT 5
15150 / 12905	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
16230 / 13518	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 284	Date of Summary: 01-JUN-2000	First Sample Examined: 8880
Lease Number: G17873	Source of Paleo: OPERATOR	Borehole MD: 16852
Well Name: 002	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 16847
API Well Number: 177044100200	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 8880 - 16830	Water Depth: 177
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
8880 / 8879	DEF AT first sample examined	DEF AT
8881 / 8880	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8882 / 8881	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa (increase)	DEF AT
8910 / 8909	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
13110 / 13108	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
13650 / 13648	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13680 / 13678	DEF AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
16830 / 16825	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 285	Date of Summary: 18-MAY-2001	First Sample Examined: 0
Lease Number: G21075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11227
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11217
API Well Number: 177044102000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6973 / 6972	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8310 / 8309	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 305	Date of Summary: 17-SEP-2001	First Sample Examined: 0
Lease Number: G16270	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5903
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5443
API Well Number: 177044100900	Drilling Operator: REMINGTON OIL AND GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 197
Public Info Code: Y 29-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5054 / 4688	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 320	Date of Summary: 20-NOV-1990	First Sample Examined: 4240
Lease Number: G10636	Source of Paleo: OPERATOR	Borehole MD: 8249
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7966
API Well Number: 177044073502	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4240 - 8230	Water Depth: 225
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4240 / 4240	DEF AT first sample examined	POS AT 1
4480 / 4479	DEF AT faunal change (no faunal increase)	DEF AT 1
4870 / 4868	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5050 / 5046	DEF AT poor sample interval top	DEF AT 1
7119 / 6952	DEF AT poor sample interval bottom	DEF AT 1
7120 / 6953	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7450 / 7249	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7840 / 7599	DEF AT faunal change (no faunal increase)	DEF AT 1
8230 / 7949	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 321	Date of Summary: 06-SEP-1991	First Sample Examined: 5284
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9220
Well Name: B017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8054
API Well Number: 177044074900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 5284 - 9220	Water Depth: 232
Public Info Code: Y 30-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5284 / 4709	DEF AT first sample examined	DEF AT 3
5430 / 4831	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5640 / 5005	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9220 / 8054	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 328	Date of Summary: 16-JUL-1993	First Sample Examined: 0
Lease Number: G10638	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4227
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 2739
API Well Number: 177044078000	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 242
Public Info Code: Y 26-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3502 / 2200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4094 / 2637	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 332	Date of Summary: 04-AUG-1995	First Sample Examined: 0
Lease Number: G08658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13140
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11486
API Well Number: 177044076700	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 09-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10250 / 9001	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12110 / 10614	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 332	Date of Summary: 23-FEB-2001	First Sample Examined: 0
Lease Number: G08658	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13615
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9323
API Well Number: 177044079400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 13-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11880 / 8145	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
12240 / 8382	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 332	Date of Summary: 06-AUG-1992	First Sample Examined: 0
Lease Number: G09478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13452
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10782
API Well Number: 177044076000	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 04-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 7939	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10620 / 8690	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 332	Date of Summary: 10-JAN-1995	First Sample Examined: 0
Lease Number: G09478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13719
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11632
API Well Number: 177044076200	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 02-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8920 / 7784	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9970 / 8658	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12230 / 10488	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EC 349	Date of Summary: 11-APR-1996	First Sample Examined: 3880
Lease Number: G15157	Source of Paleo: OPERATOR	Borehole MD: 13951
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9800
API Well Number: 177044082700	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3880 - 12930	Water Depth: 306
Public Info Code: Y 27-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3880 / 3564	DEF AT first sample examined	DEF AT 3
3960 / 3629	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4980 / 4474	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5940 / 5308	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7620 / 6581	DEF AT - - - - -	DEF AT 4
9420 / 7589	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11190 / 8447	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12930 / 9293	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 28	Date of Summary: 08-APR-1991	First Sample Examined: 7500
Lease Number: G05479	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11994
API Well Number: 177094088800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 7500 - 11460	Water Depth: 15
Public Info Code: Y 03-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
7500 / 7499	DEF AT first sample examined	DEF IN 2
7560 / 7559	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
9030 / 9026	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
9480 / 9476	DEF AT - - - - -	DEF AT 4
9900 / 9896	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10320 / 10316	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10470 / 10466	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11460 / 11456	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-2004

Area Block: EI 28	Date of Summary: 08-APR-1991	First Sample Examined: 11400
Lease Number: G05479	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11994
API Well Number: 177094088800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 11400 - 12000	Water Depth: 15
Public Info Code: Y 03-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 11396	DEF AT first sample examined	DEF AT 4
12000 / 11994	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: EI 29	Date of Summary: 02-JUL-1997	First Sample Examined: 0
Lease Number: G16340	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16012
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15992
API Well Number: 177094114200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7780 / 7779	DEF AT Upper (Late) Miocene	DEF AT
9250 / 9249	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9730 / 9729	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11830 / 11828	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14140 / 14134	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 29	Date of Summary: 25-JUN-1999	First Sample Examined: 0
Lease Number: G16340	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12299
API Well Number: 177094125100	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11795 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 30	Date of Summary: 20-SEP-1993	First Sample Examined: 0
Lease Number: G09574	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13484
Well Name: JA004	Paleo Done By: OPERATOR	Borehole TVD: 12922
API Well Number: 177094095500	Drilling Operator: PEL-TEX OIL COMPANY	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 06-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10730 / 10446	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11360 / 11044	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
12710 / 12257	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
13308 / 12770	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 33	Date of Summary: 22-NOV-1994	First Sample Examined: 0
Lease Number: G03560	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11700
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11699
API Well Number: 177094097800	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 9
Public Info Code: Y 28-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10060 / 10059	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 46	Date of Summary: 03-JUN-1993	First Sample Examined: 0
Lease Number: G13617	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10728
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10727
API Well Number: 177094096200	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 27-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7420 / 7419	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8080 / 8079	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8890 / 8889	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9400 / 9399	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9880 / 9879	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
9970 / 9969	POS IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 53	Date of Summary: 20-AUG-1996	First Sample Examined: 0
Lease Number: 00479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12880
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 12488
API Well Number: 177094086200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 02-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8720 / 8720	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9080 / 9079	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9480 / 9479	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11218 / 11064	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
12080 / 11802	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: EI 53	Date of Summary: 24-MAR-1993	First Sample Examined: 0
Lease Number: 00479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 12602
API Well Number: 177094094000	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 21
Public Info Code: Y 03-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8677 / 8670	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9110 / 9088	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9480 / 9435	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11154 / 10962	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
12135 / 11784	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
13022 / 12467	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 53	Date of Summary: 30-JAN-1991	First Sample Examined: 0
Lease Number: 00479	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12617
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12617
API Well Number: 177094085900	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 24-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9010 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11680 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12460 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 56	Date of Summary: 05-JUN-1990	First Sample Examined: 0
Lease Number: G03780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13095
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12848
API Well Number: 177094085800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 10-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9526 / 9524	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
11208 / 11191	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
11253 / 11235	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 58	Date of Summary: 03-MAR-1990	First Sample Examined: 4090
Lease Number: G02895	Source of Paleo: OPERATOR	Borehole MD: 16222
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15235
API Well Number: 177094082300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4090 - 14410	Water Depth: 9
Public Info Code: Y 03-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4090	DEF AT first sample examined	DEF IN 1
4690 / 4690	DEF AT - - - - -	DEF AT 2
8290 / 8289	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8650 / 8647	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11290 / 11006	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
13690 / 13051	DEF AT - - - - -	DEF AT 4
13750 / 13105	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
14410 / 13698	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 58	Date of Summary: 03-MAR-1990	First Sample Examined: 10300
Lease Number: G02895	Source of Paleo: OPERATOR	Borehole MD: 16742
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14929
API Well Number: 177094082301	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 10300 - 15570	Water Depth: 9
Public Info Code: Y 10-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10300 / 10196	DEF AT first sample examined	DEF AT 2
11440 / 11060	DEF AT - - - - -	DEF AT 3
12100 / 11540	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
15400 / 13953	DEF AT - - - - -	DEF AT 4
15570 / 14082	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 58	Date of Summary: 03-MAR-1990	First Sample Examined: 13550
Lease Number: G02895	Source of Paleo: OPERATOR	Borehole MD: 16742
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14929
API Well Number: 177094082301	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 13550 - 16742	Water Depth: 9
Public Info Code: Y 10-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13550 / 12607	DEF AT first sample examined	DEF AT 3
13551 / 12607	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
15370 / 13931	DEF AT - - - -	DEF AT 4
15940 / 14349	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16742 / 14929	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 59	Date of Summary: 14-JUL-1999	First Sample Examined: 0
Lease Number: G17961	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15549
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14607
API Well Number: 177094125000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11480 / 11477	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
12330 / 12320	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
13530 / 13326	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
15010 / 14274	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 60	Date of Summary: 30-JUL-1997	First Sample Examined: 0
Lease Number: G16342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14482
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14179
API Well Number: 177094115000	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8420 / 8419	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8965 / 8964	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9740 / 9739	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10655 / 10654	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
13520 / 13518	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 63	Date of Summary: 26-OCT-1998	First Sample Examined: 15190
Lease Number: 00425	Source of Paleo: OPERATOR	Borehole MD: 17782
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17752
API Well Number: 177094052501	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 15190 - 17770	Water Depth: 21
Public Info Code: Y 20-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15190 / 15185	DEF AT first sample examined	DEF AT 3
15280 / 15274	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
15910 / 15903	DEF AT - - - -	POS AT 4
17110 / 17090	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
17770 / 17740	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 63	Date of Summary: 26-OCT-1998	First Sample Examined: 15190
Lease Number: 00425	Source of Paleo: OPERATOR	Borehole MD: 17782
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17752
API Well Number: 177094052501	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 15190 - 16990	Water Depth: 21
Public Info Code: Y 20-OCT-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15190 / 15185	DEF AT first sample examined	DEF AT
15191 / 15186	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
16989 / 16970	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
16990 / 16971	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 64	Date of Summary: 26-JAN-1998	First Sample Examined: 0
Lease Number: G02098	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14610
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13463
API Well Number: 177094117700	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 24-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12928 / 12346	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 65	Date of Summary: 14-APR-1998	First Sample Examined: 0
Lease Number: G16343	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15365
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13623
API Well Number: 177094112600	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12382 / 11721	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
14260 / 12979	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 65	Date of Summary: 06-APR-1999	First Sample Examined: 0
Lease Number: G16343	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15145
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13208
API Well Number: 177094113500	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12560 / 11517	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12920 / 11750	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 70	Date of Summary: 24-MAY-1990	First Sample Examined: 0
Lease Number: G10719	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13980
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13493
API Well Number: 177094084200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 04-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 / 10446	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11070 / 10938	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 70	Date of Summary: 10-APR-1991	First Sample Examined: 0
Lease Number: G10719	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13374
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13269
API Well Number: 177094087800	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 03-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9480	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10600 / 10599	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
13080 / 13079	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 72	Date of Summary: 01-AUG-1990	First Sample Examined: 0
Lease Number: G10720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15513
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15502
API Well Number: 177094084600	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 27-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9660 / 9658	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10080 / 10078	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12660 / 12656	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
13980 / 13974	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 72	Date of Summary: 18-JUL-1994	First Sample Examined: 0
Lease Number: G10720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16292
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16282
API Well Number: 177094100900	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 12-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15458 / 15453	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 76	Date of Summary: 21-NOV-2000	First Sample Examined: 15375
Lease Number: G04823	Source of Paleo: OPERATOR	Borehole MD: 15525
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15104
API Well Number: 177094068501	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 15375 - 15525	Water Depth: 23
Public Info Code: Y 05-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15375 / 14956	DEF AT first sample examined	DEF AT 4
15405 / 14984	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
15420 / 14997	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
15525 / 15094	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 78	Date of Summary: 24-JUN-1991	First Sample Examined: 9490
Lease Number: G11940	Source of Paleo: OPERATOR	Borehole MD: 14840
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14788
API Well Number: 177094088900	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 9490 - 14840	Water Depth: 23
Public Info Code: Y 24-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9490 / 9488	DEF AT first sample examined	DEF AT 3
9820 / 9818	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10870 / 10867	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11830 / 11827	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13420 / 13416	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14170 / 14155	DEF AT - - - - -	DEF AT 4
14760 / 14713	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
14840 / 14788	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 85	Date of Summary: 23-MAR-1998	First Sample Examined: 0
Lease Number: G16347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15305
API Well Number: 177094118100	Drilling Operator: EQUITABLE PRODUCTION COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13670 / 13668	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
14350 / 14346	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 87	Date of Summary: 20-MAY-1993	First Sample Examined: 0
Lease Number: G09580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17894
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17871
API Well Number: 177094095100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 22-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17459 / 17450	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 88	Date of Summary: 28-JUL-1993	First Sample Examined: 0
Lease Number: 00046	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8515
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7995
API Well Number: 177094096300	Drilling Operator: GULFSTREAM ENERGY SERVICES INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 05-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 / 6417	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6844 / 6559	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7900 / 7466	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 91	Date of Summary: 22-OCT-1999	First Sample Examined: 9000
Lease Number: G17963	Source of Paleo: OPERATOR	Borehole MD: 18478
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18471
API Well Number: 177094125900	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9000 - 18478	Water Depth: 33
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 9000	DEF AT first sample examined	DEF AT 2
9270 / 9270	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10770 / 10770	DEF AT - - - - -	DEF AT 3
10890 / 10890	DEF AT - - - - -	DEF AT 4
10950 / 10950	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11040 / 11040	DEF AT - - - - -	DEF AT 3
13560 / 13557	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
15180 / 15173	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
16410 / 16403	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
17220 / 17213	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
17430 / 17423	DEF AT - - - - -	DEF AT 6
18478 / 18470	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 98	Date of Summary: 14-DEC-2000	First Sample Examined: 0
Lease Number: G17965	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13847
API Well Number: 177094128200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 12-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13530 / 13527	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 100	Date of Summary: 15-JAN-1996	First Sample Examined: 9493
Lease Number: 00796	Source of Paleo: OPERATOR	Borehole MD: 11807
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 10089
API Well Number: 177094095400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9493 - 11700	Water Depth: 24
Public Info Code: Y 20-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9493 / 8292	DEF AT first sample examined	DEF AT 2
9853 / 8513	DEF AT local marker foram increase	DEF AT 2
9973 / 8591	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 2
10330 / 8845	DEF AT local marker foram increase	DEF AT 2
10780 / 9197	DEF AT local marker foram increase	DEF AT 2
10840 / 9247	DEF AT local marker foram increase	DEF AT 3
10870 / 9272	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 2
11165 / 9521	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 2
11255 / 9598	DEF AT - - - - -	DEF AT 3
11700 / 9994	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-2004

Area Block: EI 100	Date of Summary: 14-JUL-1994	First Sample Examined: 13990
Lease Number: 00796	Source of Paleo: OPERATOR	Borehole MD: 18427
Well Name: 037	Paleo Done By: OPERATOR	Borehole TVD: 17476
API Well Number: 177094096700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 13990 - 18427	Water Depth: 25
Public Info Code: Y 24-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

MD / TVD	Paleo Top Description	Ecozone
13990 / 13806	DEF AT first sample examined	DEF AT 3
14020 / 13830	DEF AT local marker foram increase	DEF AT 3
14170 / 13949	DEF AT local marker foram increase	DEF AT 3
14260 / 14021	DEF AT local marker foram increase	DEF AT 3
14320 / 14068	DEF AT local marker foram increase	DEF AT 3
15400 / 14904	DEF AT local marker foram increase	DEF AT 3
15460 / 14950	DEF AT - - - -	DEF AT 2
15940 / 15324	DEF AT local marker foram increase	DEF AT 2
16150 / 15490	DEF AT local marker foram increase	DEF AT 3
16930 / 16145	DEF AT local marker foram increase	DEF AT 3
17590 / 16718	DEF AT local marker foram increase	DEF AT 3
17690 / 16806	DEF AT local marker foram increase	DEF AT 3
17780 / 16886	DEF AT local marker foram increase	DEF AT 2
18200 / 17268	DEF AT local marker foram increase	DEF AT 3
18427 / 17476	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 108	Date of Summary: 12-MAR-1993	First Sample Examined: 14980
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16849
Well Name: 011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15407
API Well Number: 177094093800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 132
Paleo Report Num: 1 of 4	Sample Range: 14980 - 16600	Water Depth: 28
Public Info Code: Y 04-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14980 / 14199	DEF AT first sample examined	DEF AT 2
15070 / 14249	DEF AT - - - - -	DEF AT 3
15100 / 14266	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
16600 / 15291	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 108	Date of Summary: 12-MAR-1993	First Sample Examined: 15430
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16849
Well Name: 011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15407
API Well Number: 177094093800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 132
Paleo Report Num: 2 of 4	Sample Range: 15430 - 16570	Water Depth: 28
Public Info Code: Y 04-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15430 / 14469	DEF AT first sample examined	DEF AT 3
15431 / 14470	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
16570 / 15269	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 108	Date of Summary: 12-MAR-1993	First Sample Examined: 14980
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16849
Well Name: 011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15407
API Well Number: 177094093800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 132
Paleo Report Num: 3 of 4	Sample Range: 14980 - 16570	Water Depth: 28
Public Info Code: Y 04-APR-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14980 / 14199	DEF AT first sample examined	DEF AT
15100 / 14266	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
16570 / 15269	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 108	Date of Summary: 12-MAR-1993	First Sample Examined: 15430
Lease Number: G03811	Source of Paleo: OPERATOR	Borehole MD: 16849
Well Name: 011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15407
API Well Number: 177094093800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 132
Paleo Report Num: 4 of 4	Sample Range: 15430 - 16570	Water Depth: 28
Public Info Code: Y 04-APR-2003	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack, no diagnostic coccolith markers observed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15430 / 14469	DEF AT first sample examined	DEF AT
16570 / 15269	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 116	Date of Summary: 20-SEP-1991	First Sample Examined: 0
Lease Number: 00478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8354
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 8335
API Well Number: 177094088300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 17-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6964	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 123	Date of Summary: 21-JUN-2001	First Sample Examined: 0
Lease Number: G16350	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11805
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11805
API Well Number: 177094132100	Drilling Operator: PETROBRAS AMERICA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10050 / 10049	DEF AT Upper (Late) Miocene	DEF AT
10740 / 10739	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11460 / 11459	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 125	Date of Summary: 25-SEP-1990	First Sample Examined: 0
Lease Number: 00051	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11447
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11266
API Well Number: 177094086300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 20-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10580 / 10454	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10940 / 10790	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 125	Date of Summary: 12-AUG-2000	First Sample Examined: 0
Lease Number: 00051	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13973
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13556
API Well Number: 177094092900	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 22-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 / 5089	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
12400 / 11987	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 126	Date of Summary: 28-NOV-1990	First Sample Examined: 0
Lease Number: 00052	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9923
Well Name: 031	Paleo Done By: OPERATOR	Borehole TVD: 9850
API Well Number: 177094086702	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 09-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 9401	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 128	Date of Summary: 22-NOV-1994	First Sample Examined: 0
Lease Number: 00053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16328
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 16230
API Well Number: 177094102000	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 10-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14193 / 14142	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
15165 / 15068	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 142	Date of Summary: 23-SEP-1997	First Sample Examined: 0
Lease Number: G10726	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17459
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16834
API Well Number: 177094086600	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 24-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14800 / 14799	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15600 / 15599	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
16520 / 16518	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 142	Date of Summary: 28-FEB-1990	First Sample Examined: 4500
Lease Number: G10726	Source of Paleo: OPERATOR	Borehole MD: 16480
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16480
API Well Number: 177094084500	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4500 - 16470	Water Depth: 47
Public Info Code: Y 21-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF IN 2
4590 / 4590	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5220 / 5220	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6120 / 6120	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10710 / 10709	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12480 / 12479	DEF AT faunal change (no faunal increase)	DEF AT 4
13140 / 13139	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14340 / 14339	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
15720 / 15719	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
16470 / 16469	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 142	Date of Summary: 13-JUN-1990	First Sample Examined: 13000
Lease Number: G10726	Source of Paleo: OPERATOR	Borehole MD: 16346
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16145
API Well Number: 177094085700	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 13000 - 15820	Water Depth: 47
Public Info Code: Y 11-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 / 12995	DEF AT first sample examined	DEF AT 4
13001 / 12996	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13180 / 13175	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14740 / 14689	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
15670 / 15529	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
15820 / 15664	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 142	Date of Summary: 13-JUN-1990	First Sample Examined: 15790
Lease Number: G10726	Source of Paleo: OPERATOR	Borehole MD: 16346
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16145
API Well Number: 177094085700	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 15790 - 16346	Water Depth: 47
Public Info Code: Y 11-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15790 / 15637	DEF AT first sample examined	DEF AT 4
16346 / 16146	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 152	Date of Summary: 04-JAN-1996	First Sample Examined: 11400
Lease Number: G27107	Source of Paleo: OPERATOR	Borehole MD: 20650
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 20627
API Well Number: 177094108700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 11400 - 20650	Water Depth: 72
Public Info Code: Y 21-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 11399	DEF AT first sample examined	DEF AT
12060 / 12059	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
18780 / 18773	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT
20650 / 20627	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 152	Date of Summary: 19-MAR-1996	First Sample Examined: 11400
Lease Number: G27107	Source of Paleo: OPERATOR	Borehole MD: 20650
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 20627
API Well Number: 177094108700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 11400 - 20640	Water Depth: 72
Public Info Code: Y 21-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 11399	DEF AT first sample examined	DEF AT 1
11610 / 11609	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
11640 / 11639	DEF AT - - - - -	DEF AT 2
11700 / 11699	DEF AT - - - - -	DEF AT 1
12030 / 12029	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12150 / 12149	DEF AT - - - - -	DEF AT 2
12510 / 12509	DEF AT local marker foram increase	DEF AT 2
12570 / 12569	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
12600 / 12599	DEF AT - - - - -	DEF AT 2
13170 / 13169	DEF AT local marker foram increase	DEF AT 2
13200 / 13199	DEF AT - - - - -	DEF AT 1
13770 / 13768	DEF AT - - - - -	DEF AT 2
13800 / 13798	DEF AT local marker foram increase	DEF AT 2
14070 / 14067	DEF AT - - - - -	DEF AT 1
14430 / 14427	DEF AT - - - - -	DEF AT 2
14610 / 14606	DEF AT - - - - -	DEF AT 1
14700 / 14696	DEF AT - - - - -	DEF AT 2
15000 / 14996	DEF AT - - - - -	DEF AT 1
15120 / 15116	DEF AT - - - - -	DEF AT 2
15600 / 15595	DEF AT - - - - -	DEF AT 1
15840 / 15835	DEF AT - - - - -	DEF AT 2
15870 / 15865	DEF AT - - - - -	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 152	Date of Summary: 19-MAR-1996	First Sample Examined: 11400
Lease Number: G27107	Source of Paleo: OPERATOR	Borehole MD: 20650
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 20627
API Well Number: 177094108700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 11400 - 20640	Water Depth: 72
Public Info Code: Y 21-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
16200 / 16195	DEF AT -----	DEF AT 3
16230 / 16225	DEF AT local marker foram increase	DEF AT 3
16350 / 16345	DEF AT -----	DEF AT 2
16410 / 16405	DEF AT -----	DEF AT 3
16470 / 16465	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
16560 / 16555	DEF AT -----	DEF AT 2
16770 / 16765	DEF AT -----	DEF AT 1
16890 / 16885	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 3
17010 / 17005	DEF AT -----	DEF AT 2
17370 / 17365	DEF AT -----	DEF AT 3
17490 / 17485	DEF AT local marker foram increase	DEF AT 3
17790 / 17785	DEF AT -----	DEF AT 2
17820 / 17814	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
18060 / 18054	DEF AT local marker foram increase	DEF AT 2
18450 / 18444	DEF AT local marker foram increase	DEF AT 3
18540 / 18534	DEF AT local marker foram increase	DEF AT 3
18810 / 18803	DEF AT local marker foram increase	DEF AT 3
18870 / 18863	DEF AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 3
18960 / 18953	DEF AT local marker foram increase	DEF AT 3
19140 / 19132	DEF AT -----	DEF AT 2
19530 / 19521	DEF AT local marker foram increase	DEF AT 3
19590 / 19581	DEF AT -----	DEF AT 2
19680 / 19671	DEF AT -----	DEF AT 3
19770 / 19760	DEF AT local marker foram increase	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 152	Date of Summary: 19-MAR-1996	First Sample Examined: 11400
Lease Number: G27107	Source of Paleo: OPERATOR	Borehole MD: 20650
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 20627
API Well Number: 177094108700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 11400 - 20640	Water Depth: 72
Public Info Code: Y 21-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20280 / 20267	DEF AT -----	DEF AT 2
20430 / 20414	DEF AT -----	DEF AT 3
20490 / 20472	DEF AT -----	DEF AT 2
20550 / 20530	DEF AT -----	DEF AT 2
20640 / 20617	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 159	Date of Summary: 13-AUG-1997	First Sample Examined: 0
Lease Number: G04449	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18096
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17600
API Well Number: 177094113400	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 147
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 10-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16950 / 16456	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 162	Date of Summary: 13-JAN-1994	First Sample Examined: 0
Lease Number: G11952	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15745
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15400
API Well Number: 177094098200	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 17-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11975 / 11883	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14950 / 14697	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 162	Date of Summary: 30-SEP-1991	First Sample Examined: 9000
Lease Number: G11952	Source of Paleo: OPERATOR	Borehole MD: 16535
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16535
API Well Number: 177094090100	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 9000 - 16535	Water Depth: 67
Public Info Code: Y 23-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF AT 2
9450 / 9449	POS AT - - - - -	POS AT 3
10830 / 10829	POS AT Upper Miocene (Messinian) Textularia "X"	POS AT 3
11730 / 11728	DEF AT local marker benthic foram increase	DEF AT 3
11790 / 11788	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11820 / 11818	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12480 / 12478	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
15629 / 15627	DEF AT Eggerella 3 (local marker)	DEF AT 5
15630 / 15628	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
16240 / 16237	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
16535 / 16532	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 170	Date of Summary: 20-JUL-2001	First Sample Examined: 9480
Lease Number: G16355	Source of Paleo: OPERATOR	Borehole MD: 23000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 22993
API Well Number: 177094131600	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 9480 - 23000	Water Depth: 75
Public Info Code: Y 29-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9480	DEF AT first sample examined	DEF AT 2
10500 / 10500	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
10770 / 10770	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
10890 / 10890	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11100 / 11100	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11670 / 11670	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
14790 / 14789	DEF AT - - - - -	DEF AT 4
16920 / 16917	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
18210 / 18204	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
19530 / 19524	DEF AT - - - - -	DEF IN 4
22140 / 22133	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
22470 / 22463	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF IN 4
23000 / 22993	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 170	Date of Summary: 20-JUL-2001	First Sample Examined: 13830
Lease Number: G16355	Source of Paleo: OPERATOR	Borehole MD: 23000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 22993
API Well Number: 177094131600	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 13830 - 23000	Water Depth: 75
Public Info Code: Y 29-AUG-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13830 / 13829	DEF AT first sample examined	DEF AT
14790 / 14789	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
18120 / 18114	POS IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
19290 / 19284	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
23000 / 22993	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 172	Date of Summary: 06-DEC-1993	First Sample Examined: 0
Lease Number: G05494	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15640
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 15237
API Well Number: 177094071300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 30-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 / 10673	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14190 / 13956	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 173	Date of Summary: 03-DEC-1992	First Sample Examined: 7000
Lease Number: G13622	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16997
API Well Number: 177094093200	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7000 - 17000	Water Depth: 80
Public Info Code: Y 28-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF AT 2
7001 / 7001	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8800 / 8800	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10150 / 10150	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10570 / 10570	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
14170 / 14169	DEF AT - - - - -	DEF AT 4
17000 / 16997	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 176	Date of Summary: 05-DEC-1995	First Sample Examined: 10340
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 13191
Well Name: JA011	Paleo Done By: OPERATOR	Borehole TVD: 12918
API Well Number: 177094099600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 10340 - 13136	Water Depth: 80
Public Info Code: Y 03-MAY-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10340 / 10321	DEF AT first sample examined	POS AT 2
10400 / 10379	DEF AT local marker foram increase	DEF AT 2
10520 / 10495	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 2
10760 / 10726	DEF AT local marker foram increase	DEF AT 3
11240 / 11184	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
12620 / 12419	DEF AT local marker foram increase	DEF AT 4
13136 / 12870	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 176	Date of Summary: 18-DEC-1995	First Sample Examined: 12640
Lease Number: G11951	Source of Paleo: OPERATOR	Borehole MD: 15648
Well Name: JC001	Paleo Done By: OPERATOR	Borehole TVD: 14231
API Well Number: 177094101500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 12640 - 15648	Water Depth: 80
Public Info Code: Y 02-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12640 / 12319	DEF AT first sample examined	POS IN 2
12790 / 12425	DEF AT local marker foram increase	DEF IN 2
13540 / 12892	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 2
14170 / 13293	DEF AT Arenaceous fauna (local marker)	DEF IN 2
14740 / 13659	DEF AT local marker foram increase	DEF IN 2
15070 / 13863	DEF AT local marker foram increase	DEF IN 1
15550 / 14172	DEF AT local marker foram increase	DEF AT 2
15648 / 14234	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: EI 184	Date of Summary: 13-MAY-1991	First Sample Examined: 0
Lease Number: G05498	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13744
API Well Number: 177094088100	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 7155	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11400 / 10888	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12240 / 11583	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13740 / 12789	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 184	Date of Summary: 08-OCT-1998	First Sample Examined: 0
Lease Number: G05498	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15322
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 15071
API Well Number: 177094089500	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 30-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10930 / 10692	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11290 / 11044	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13030 / 12782	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

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Area Block: EI 187	Date of Summary: 26-JUL-1992	First Sample Examined: 11511
Lease Number: G10736	Source of Paleo: OPERATOR	Borehole MD: 16875
Well Name: JC001	Paleo Done By: OPERATOR	Borehole TVD: 16171
API Well Number: 177094091100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11027 - 16875	Water Depth: 78
Public Info Code: Y 26-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11511 / 11506	DEF AT first sample examined	POS AT 2
12110 / 12105	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
15950 / 15544	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
16875 / 16171	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 187	Date of Summary: 26-JUL-1992	First Sample Examined: 15831
Lease Number: G10736	Source of Paleo: OPERATOR	Borehole MD: 17235
Well Name: JC001	Paleo Done By: OPERATOR	Borehole TVD: 16173
API Well Number: 177094091101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11087 - 17210	Water Depth: 78
Public Info Code: Y 02-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15831 / 15464	DEF AT first sample examined	DEF AT 3
16070 / 15623	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
17210 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

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Area Block: EI 187	Date of Summary: 07-OCT-1993	First Sample Examined: 14470
Lease Number: G10736	Source of Paleo: OPERATOR	Borehole MD: 18706
Well Name: JD001	Paleo Done By: OPERATOR	Borehole TVD: 17077
API Well Number: 177094092801	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10000 - 18706	Water Depth: 78
Public Info Code: Y 14-MAR-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14470 / 14069	DEF AT first sample examined	DEF AT 3
18706 / 17077	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

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Area Block: EI 188	Date of Summary: 02-JUN-1994	First Sample Examined: 14100
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 16339
Well Name: JE001	Paleo Done By: OPERATOR	Borehole TVD: 16311
API Well Number: 177094096500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 14100 - 16320	Water Depth: 71
Public Info Code: Y 03-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14100 / 14098	DEF AT first sample examined	DEF AT
14130 / 14128	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
15150 / 15146	DEF AT local marker foram increase	DEF AT
16050 / 16032	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT
16320 / 16294	DEF AT last sample examined	DEF AT

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Area Block: EI 193	Date of Summary: 20-FEB-2001	First Sample Examined: 0
Lease Number: 00572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16179
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14812
API Well Number: 177094093100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 31-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9900 / 9861	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12066 / 11641	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12600 / 12064	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
14000 / 13106	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
14850 / 13746	DEF AT local marker benthic foram increase	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 193	Date of Summary: 22-APR-1993	First Sample Examined: 0
Lease Number: 00572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13739
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 177094094300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 24-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9820	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11750 / 11432	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12600 / 12174	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 197	Date of Summary: 20-FEB-1997	First Sample Examined: 0
Lease Number: G16358	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14902
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14900
API Well Number: 177094112700	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6150	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8990 / 8990	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10880 / 10879	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12960 / 12959	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 204	Date of Summary: 07-MAR-1995	First Sample Examined: 0
Lease Number: 00804	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6836
Well Name: G001	Paleo Done By: OPERATOR	Borehole TVD: 6596
API Well Number: 177094016801	Drilling Operator: GULFSTREAM ENERGY SERVICES INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 11-NOV-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4310 / 4214	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4570 / 4442	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5200 / 5012	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5640 / 5425	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6668 / 6431	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 206	Date of Summary: 22-SEP-1993	First Sample Examined: 6007
Lease Number: 00805	Source of Paleo: OPERATOR	Borehole MD: 12915
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12778
API Well Number: 177094097000	Drilling Operator: GULFSTREAM ENERGY SERVICES INC	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 6007 - 11958	Water Depth: 100
Public Info Code: Y 16-OCT-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6007 / 5996	DEF AT first sample examined	DEF AT 3
6008 / 5997	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6347 / 6320	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7560 / 7465	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
8769 / 8662	DEF AT Eggerella 3 (local marker)	DEF AT 3
8770 / 8663	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
9160 / 9051	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9340 / 9229	DEF AT - - - - -	DEF AT 4
9720 / 9607	DEF AT - - - - -	DEF AT 3
10290 / 10172	DEF AT - - - - -	DEF AT 4
10350 / 10232	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10650 / 10531	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11009 / 10888	DEF AT Eggerella sp. (local marker)	DEF AT 4
11010 / 10889	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11310 / 11188	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11958 / 11833	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 206	Date of Summary: 22-SEP-1993	First Sample Examined: 6830
Lease Number: 00805	Source of Paleo: OPERATOR	Borehole MD: 12915
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12778
API Well Number: 177094097000	Drilling Operator: GULFSTREAM ENERGY SERVICES INC	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 6830 - 12915	Water Depth: 100
Public Info Code: Y 16-OCT-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
6830 / 6767	DEF AT first sample examined	DEF AT 3
7550 / 7455	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
9230 / 9120	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9500 / 9388	DEF AT - - - - -	DEF AT 4
9770 / 9656	DEF AT - - - - -	DEF AT 3
10350 / 10232	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10830 / 10710	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11189 / 11068	DEF AT Eggerella sp. (local marker)	DEF AT 4
11190 / 11069	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11520 / 11398	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12209 / 12083	DEF AT Eggerella sp. (local marker)	DEF AT 4
12210 / 12084	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12360 / 12232	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12915 / 12778	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 208	Date of Summary: 16-MAY-1991	First Sample Examined: 0
Lease Number: 00577	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11286
Well Name: J005	Paleo Done By: OPERATOR	Borehole TVD: 9487
API Well Number: 177094087500	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 30-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8150 / 6827	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10200 / 8583	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 214	Date of Summary: 09-JUL-1998	First Sample Examined: 0
Lease Number: G17986	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13690
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13103
API Well Number: 177094118900	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6870 / 6869	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8380 / 8379	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9660 / 9659	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 215	Date of Summary: 05-DEC-1996	First Sample Examined: 0
Lease Number: 00576	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9222
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 8414
API Well Number: 177094109501	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 30-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7360 / 6880	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8707 / 7988	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 217	Date of Summary: 26-JAN-1993	First Sample Examined: 9000
Lease Number: G00978	Source of Paleo: OPERATOR	Borehole MD: 15128
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15089
API Well Number: 177094093400	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 9000 - 15100	Water Depth: 117
Public Info Code: Y 15-FEB-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF IN 2
9180 / 9179	DEF AT local marker benthic foram increase	POS AT 3
9300 / 9298	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
9330 / 9328	DEF AT sample gap top	POS AT 3
9780 / 9778	DEF AT sample gap bottom	POS AT 3
10520 / 10517	DEF AT local marker benthic foram increase	DEF AT 3
11230 / 11227	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
11590 / 11586	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11920 / 11916	DEF AT Eggerella sp. (local marker)	DEF AT 3
13270 / 13264	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
13540 / 13534	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
14230 / 14219	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
14560 / 14539	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
14680 / 14655	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
14740 / 14713	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
14860 / 14830	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
15040 / 15004	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
15100 / 15062	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 217	Date of Summary: 26-JAN-1993	First Sample Examined: 9000
Lease Number: G00978	Source of Paleo: OPERATOR	Borehole MD: 15128
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15089
API Well Number: 177094093400	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 9000 - 15100	Water Depth: 117
Public Info Code: Y 15-FEB-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
9000 / 8999	DEF AT first sample examined	DEF AT
9001 / 9000	POS IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9330 / 9328	DEF AT sample gap top	DEF AT
9780 / 9778	DEF AT sample gap bottom	DEF AT
9870 / 9868	POS IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11560 / 11556	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13750 / 13744	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15100 / 15062	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 217	Date of Summary: 17-OCT-1994	First Sample Examined: 5200
Lease Number: G00978	Source of Paleo: OPERATOR	Borehole MD: 15590
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15172
API Well Number: 177094101800	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5200 - 15590	Water Depth: 92
Public Info Code: Y 08-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5200 / 5200	DEF AT first sample examined	DEF AT 2
5860 / 5860	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6820 / 6819	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11710 / 11454	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11920 / 11644	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	POS AT 4
12190 / 11888	DEF AT Cyclammina cancellata (local marker)	POS AT 4
12610 / 12273	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13030 / 12670	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13660 / 13277	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13720 / 13335	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
14290 / 13887	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
14319 / 13915	DEF AT Eggerella sp. (local marker)	DEF AT 4
14620 / 14212	DEF AT Cyclammina sp. (local marker)	DEF AT 4
15310 / 14899	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
15590 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 224	Date of Summary: 25-OCT-2000	First Sample Examined: 0
Lease Number: G15250	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17479
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16859
API Well Number: 177094128000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 27-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6110 / 6109	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7801 / 7750	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
10047 / 9650	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11269 / 10730	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13993 / 13380	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
14804 / 14190	DEF AT local marker benthic foram increase	DEF AT
15209 / 14595	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 230	Date of Summary: 02-FEB-1994	First Sample Examined: 9000
Lease Number: G00979	Source of Paleo: OPERATOR	Borehole MD: 13850
Well Name: CD008	Paleo Done By: OPERATOR	Borehole TVD: 13122
API Well Number: 177094096400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13850	Water Depth: 120
Public Info Code: Y 30-JUL-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8569	DEF AT first sample examined	DEF AT 2
9001 / 8570	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
10020 / 9533	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
11110 / 10553	DEF AT -----	DEF IN 1
11250 / 10684	DEF AT -----	DEF IN 2
11790 / 11189	DEF AT -----	DEF IN 1
11880 / 11273	DEF AT -----	DEF AT 2
11910 / 11301	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
12630 / 11975	DEF AT -----	DEF AT 3
12660 / 12003	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
12690 / 12032	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
12990 / 12313	DEF AT -----	DEF AT 4
13500 / 12794	DEF AT -----	DEF AT 2
13850 / 13124	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 231	Date of Summary: 19-NOV-1994	First Sample Examined: 0
Lease Number: G00979	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15650
Well Name: CB009	Paleo Done By: OPERATOR	Borehole TVD: 12917
API Well Number: 177094101400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 12-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8200 / 6888	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
13200 / 10746	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 231	Date of Summary: 19-JAN-1995	First Sample Examined: 13700
Lease Number: G00979	Source of Paleo: OPERATOR	Borehole MD: 15650
Well Name: CB009	Paleo Done By: OPERATOR	Borehole TVD: 12917
API Well Number: 177094101400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 13700 - 15650	Water Depth: 120
Public Info Code: Y 12-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13700 / 11129	DEF AT first sample examined	DEF AT
15170 / 12448	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15650 / 12918	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 231	Date of Summary: 05-AUG-1994	First Sample Examined: 8990
Lease Number: G00980	Source of Paleo: OPERATOR	Borehole MD: 12414
Well Name: CA008	Paleo Done By: OPERATOR	Borehole TVD: 10885
API Well Number: 177094097900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3740 - 12200	Water Depth: 111
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8990 / 8018	DEF AT first sample examined	DEF AT 1
9020 / 8043	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 1
10070 / 8916	DEF AT - - - - -	DEF AT 2
10790 / 9518	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
12020 / 10550	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
12200 / 10702	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 237	Date of Summary: 11-AUG-1994	First Sample Examined: 2500
Lease Number: G00981	Source of Paleo: OPERATOR	Borehole MD: 5400
Well Name: J004	Paleo Done By: OPERATOR	Borehole TVD: 4506
API Well Number: 177094068001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 2500 - 5400	Water Depth: 130
Public Info Code: Y 15-SEP-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2289	DEF AT first sample examined	DEF AT 1
3039 / 2670	DEF AT - - - - -	DEF AT 2
5200 / 4358	DEF AT salt	DEF AT 2
5400 / 4524	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 237	Date of Summary: 10-JUL-1994	First Sample Examined: 4150
Lease Number: G00981	Source of Paleo: OPERATOR	Borehole MD: 7393
Well Name: J006	Paleo Done By: OPERATOR	Borehole TVD: 7044
API Well Number: 177094096900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 4150 - 7394	Water Depth: 130
Public Info Code: Y 04-SEP-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4150 / 4044	DEF AT first sample examined	DEF AT 1
4900 / 4733	DEF AT local marker benthic foram increase	DEF AT 1
6970 / 6648	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7030 / 6704	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7240 / 6901	DEF AT salt	DEF AT
7394 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 237	Date of Summary: 03-AUG-1994	First Sample Examined: 3700
Lease Number: G00981	Source of Paleo: OPERATOR	Borehole MD: 10398
Well Name: K001	Paleo Done By: OPERATOR	Borehole TVD: 9314
API Well Number: 177094097500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3700 - 10397	Water Depth: 139
Public Info Code: Y 31-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3699	DEF AT first sample examined	DEF AT 2
4360 / 4357	DEF AT - - - - -	DEF AT 1
4630 / 4622	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6100 / 5928	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
6160 / 5976	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9550 / 8647	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10397 / 9312	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

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Area Block: EI 237	Date of Summary: 10-AUG-1994	First Sample Examined: 5010
Lease Number: G10741	Source of Paleo: OPERATOR	Borehole MD: 11850
Well Name: K002	Paleo Done By: OPERATOR	Borehole TVD: 9327
API Well Number: 177094099400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3630 - 11850	Water Depth: 139
Public Info Code: Y 26-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5010 / 4567	DEF AT first sample examined	DEF AT 2
6150 / 5470	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6210 / 5518	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 2
6689 / 5901	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 3
6690 / 5902	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6930 / 6093	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7170 / 6283	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 3
7770 / 6762	DEF AT - - - -	DEF AT 2
9240 / 7904	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
10530 / 8669	DEF AT - - - -	DEF AT 3
10950 / 8870	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11850 / 9327	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 242	Date of Summary: 31-MAY-1991	First Sample Examined: 5050
Lease Number: G02898	Source of Paleo: OPERATOR	Borehole MD: 13155
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11508
API Well Number: 177094089300	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5050 - 13155	Water Depth: 150
Public Info Code: Y 11-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5050 / 5050	DEF AT first sample examined	POS AT 1
5051 / 5051	DEF AT cement	POS AT 1
5052 / 5052	DEF AT poor sample interval top	POS AT 1
5110 / 5110	DEF AT - - - - -	DEF AT 1
6249 / 6249	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
6250 / 6250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9640 / 9319	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 1
10660 / 9945	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10840 / 10056	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
11800 / 10655	DEF AT - - - - -	DEF AT 2
11830 / 10673	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
12190 / 10898	DEF AT - - - - -	DEF AT 1
13154 / 11498	DEF AT poor sample interval bottom	DEF AT 1
13155 / 11499	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 243	Date of Summary: 24-SEP-1990	First Sample Examined: 5000
Lease Number: G02899	Source of Paleo: OPERATOR	Borehole MD: 13164
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11795
API Well Number: 177094086400	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13164	Water Depth: 145
Public Info Code: Y 08-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4648	DEF AT first sample examined	DEF AT 1
6680 / 6117	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
10279 / 9289	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
10280 / 9290	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 2
10610 / 9585	DEF AT faunal change (no faunal increase)	DEF AT 1
10970 / 9909	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
11960 / 10783	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
13164 / 11795	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 255	Date of Summary: 03-JUN-1992	First Sample Examined: 0
Lease Number: G10742	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11352
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10600
API Well Number: 177094088600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 27-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5640 / 5640	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10350 / 9799	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 273	Date of Summary: 01-SEP-1993	First Sample Examined: 0
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9921
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 9566
API Well Number: 177102003501	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 15-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9206 / 8898	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 273	Date of Summary: 24-MAY-1996	First Sample Examined: 3617
Lease Number: G00987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8635
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 8368
API Well Number: 177102003601	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3617 - 8650	Water Depth: 184
Public Info Code: Y 04-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3617 / 3551	DEF AT first sample examined	DEF AT
4867 / 4726	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6490 / 6257	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7690 / 7427	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8650 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 276	Date of Summary: 25-APR-1992	First Sample Examined: 3670
Lease Number: G00989	Source of Paleo: OPERATOR	Borehole MD: 10940
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 10163
API Well Number: 177100009201	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 3670 - 10920	Water Depth: 175
Public Info Code: Y 11-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 / 3538	DEF AT first sample examined	DEF AT
3880 / 3724	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5860 / 5498	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6490 / 6057	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7360 / 6819	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
7450 / 6899	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7870 / 7275	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
7871 / 7276	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10710 / 9942	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10920 / 10144	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 287	Date of Summary: 31-JAN-1995	First Sample Examined: 0
Lease Number: G14475	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6592
API Well Number: 177104140000	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 03-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6193	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 299	Date of Summary: 30-AUG-2002	First Sample Examined: 5030
Lease Number: G17990	Source of Paleo: OPERATOR	Borehole MD: 19510
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19500
API Well Number: 177104154300	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 5030 - 19510	Water Depth: 212
Public Info Code: Y 05-FEB-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF AT 3
5031 / 5031	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5960 / 5960	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7310 / 7310	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8330 / 8329	DEF AT - - - - -	DEF IN 4
8630 / 8629	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
9890 / 9889	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
10100 / 10099	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
11120 / 11119	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
11570 / 11569	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11690 / 11689	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
13490 / 13488	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15651 / 15648	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
16670 / 16666	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
18050 / 18044	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
18200 / 18194	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
19510 / 19501	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 299	Date of Summary: 30-AUG-2002	First Sample Examined: 5030
Lease Number: G17990	Source of Paleo: OPERATOR	Borehole MD: 19510
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19500
API Well Number: 177104154300	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 5030 - 19510	Water Depth: 212
Public Info Code: Y 05-FEB-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF AT
5510 / 5510	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5990 / 5990	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7040 / 7040	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7310 / 7310	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7490 / 7490	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8600 / 8599	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9560 / 9559	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9860 / 9859	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10730 / 10729	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
11180 / 11179	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11600 / 11599	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
11690 / 11689	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
13250 / 13248	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15110 / 15107	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
17240 / 17235	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
17510 / 17505	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
18140 / 18134	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
19510 / 19501	DEF AT last sample examined	DEF AT

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 312	Date of Summary: 23-JUL-1991	First Sample Examined: 0
Lease Number: G02607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9669
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9234
API Well Number: 177104133800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 22-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 4179	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5200 / 5136	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6970 / 6760	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8650 / 8296	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 312	Date of Summary: 08-JAN-1992	First Sample Examined: 0
Lease Number: G02607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11014
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177104133700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 22-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2650 / 2650	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5130 / 5130	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6960 / 6959	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8430 / 8428	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-2000

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Area Block: EI 312	Date of Summary: 02-SEP-1994	First Sample Examined: 0
Lease Number: G02607	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11740
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 8177
API Well Number: 177104139100	Drilling Operator: PENNZOIL EXPLORATION AND PROD	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 22-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11048 / 7757	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 320	Date of Summary: 30-JUN-1989	First Sample Examined: 900
Lease Number: G08695	Source of Paleo: OPERATOR	Borehole MD: 9320
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6003
API Well Number: 177104128770	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 900 - 9320	Water Depth: 244
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 877	DEF AT first sample examined	DEF AT
1980 / 1554	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8730 / 5452	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9300 / 5983	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9320 / 6003	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 320	Date of Summary: 03-JUL-1989	First Sample Examined: 900
Lease Number: G08695	Source of Paleo: OPERATOR	Borehole MD: 9320
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6003
API Well Number: 177104128770	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 900 - 9320	Water Depth: 244
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 877	DEF AT first sample examined	DEF IN 2
1680 / 1377	DEF AT - - - - -	DEF AT 3
7320 / 4356	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
8670 / 5398	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	POS AT 4
9320 / 6003	DEF AT last sample examined	POS AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 325	Date of Summary: 11-DEC-2000	First Sample Examined: 0
Lease Number: G05517	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9562
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177104129600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 255
Public Info Code: Y 10-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 / 3080	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7150 / 7089	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7210 / 7149	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 330	Date of Summary: 17-JUN-1994	First Sample Examined: 0
Lease Number: G02115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13683
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 12064
API Well Number: 177104131800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 247
Public Info Code: Y 04-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1810 / 1810	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2200 / 2200	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
2410 / 2410	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5320 / 4990	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6760 / 6189	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8740 / 7825	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10000 / 8921	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11020 / 9780	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12190 / 10778	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12250 / 10830	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12700 / 11218	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 330	Date of Summary: 11-MAY-1973	First Sample Examined: 9090
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8115
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7280
API Well Number: 177104009501	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9090 - 9694	Water Depth: 248
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9090 /	DEF AT first sample examined	DEF AT 3
9091 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9694 /	DEF AT last sample examined	DEF AT 3

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Area Block: EI 335	Date of Summary: 09-FEB-1999	First Sample Examined: 0
Lease Number: G17996	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5477
API Well Number: 177104148000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 10-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3275	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4710 / 4046	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6300 / 5047	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 335	Date of Summary: 07-APR-1999	First Sample Examined: 0
Lease Number: G17996	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6783
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5546
API Well Number: 177104148200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 10-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 3084	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
5790 / 4955	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 339	Date of Summary: 10-FEB-1993	First Sample Examined: 0
Lease Number: G02318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5837
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 4875
API Well Number: 177104027201	Drilling Operator: TEXACO INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 07-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4272 / 4073	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
5100 / 4496	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 346	Date of Summary: 20-MAR-2000	First Sample Examined: 8000
Lease Number: G15307	Source of Paleo: OPERATOR	Borehole MD: 12391
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12095
API Well Number: 177104151100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 8000 - 12390	Water Depth: 304
Public Info Code: Y 20-JUN-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 8000	DEF AT first sample examined	DEF AT
8600 / 8600	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9230 / 9230	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10130 / 10128	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
10160 / 10158	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10220 / 10218	DEF AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
10580 / 10573	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10610 / 10602	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12390 / 12094	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 346	Date of Summary: 01-MAY-2000	First Sample Examined: 0
Lease Number: G15307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12391
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12095
API Well Number: 177104151100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 304
Public Info Code: Y 20-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5300 / 5300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8600 / 8600	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10160 / 10158	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10610 / 10602	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 346	Date of Summary: 20-MAR-2000	First Sample Examined: 12410
Lease Number: G15307	Source of Paleo: OPERATOR	Borehole MD: 15093
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13868
API Well Number: 177104151101	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 12410 - 13100	Water Depth: 304
Public Info Code: Y 20-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 15093 was the actual TD of sidetrack 1 but samples were not examined in the salt below 13100

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12410 / 12112	DEF AT first sample examined	DEF AT
12470 / 12151	DEF IN salt	DEF AT
13100 / 12571	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 353	Date of Summary: 20-JUL-1993	First Sample Examined: 2770
Lease Number: G02323	Source of Paleo: OPERATOR	Borehole MD: 5513
Well Name: D016	Paleo Done By: OPERATOR	Borehole TVD: 4449
API Well Number: 177104135000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 2770 - 5513	Water Depth: 302
Public Info Code: Y 24-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2580	DEF AT first sample examined	DEF AT 1
2800 / 2600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3250 / 2896	DEF AT -----	DEF AT 2
3450 / 3029	DEF AT -----	DEF IN 2
3790 / 3259	DEF AT -----	DEF AT 2
4300 / 3610	DEF AT -----	DEF IN 2
4720 / 3905	DEF AT -----	DEF AT 2
5513 / 4449	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 353	Date of Summary: 20-JUL-1993	First Sample Examined: 3130
Lease Number: G02324	Source of Paleo: OPERATOR	Borehole MD: 8885
Well Name: D015	Paleo Done By: OPERATOR	Borehole TVD: 5032
API Well Number: 177104134600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3130 - 8885	Water Depth: 308
Public Info Code: Y 06-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3130 / 2325	DEF AT first sample examined	DEF AT 1
3310 / 2414	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4150 / 2837	DEF AT -----	DEF AT 1
4300 / 2910	DEF AT -----	DEF AT 2
7150 / 4174	DEF AT -----	POS AT 1
8010 / 4594	DEF AT -----	DEF AT 1
8320 / 4747	DEF AT -----	POS AT 1
8885 / 5032	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 354	Date of Summary: 04-AUG-1999	First Sample Examined: 0
Lease Number: G10752	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8430
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 7899
API Well Number: 177104138100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 23-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3770	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4400 / 4395	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
8090 / 7582	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 362	Date of Summary: 12-OCT-2000	First Sample Examined: 0
Lease Number: G16371	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5697
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5100
API Well Number: 177104152700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 316
Public Info Code: Y 31-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2060 / 2050	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2600 / 2555	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 370	Date of Summary: 03-APR-1990	First Sample Examined: 2320
Lease Number: G09601	Source of Paleo: OPERATOR	Borehole MD: 11001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9567
API Well Number: 177104131000	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 2320 - 11000	Water Depth: 391
Public Info Code: Y 30-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 2320	DEF AT first sample examined	DEF IN 3
3130 / 3130	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3340 / 3340	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4780 / 4745	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4960 / 4902	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6730 / 6166	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7420 / 6648	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	POS AT 5
9370 / 8125	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 5
10720 / 9313	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	POS AT 5
11000 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 370	Date of Summary: 03-APR-1990	First Sample Examined: 2320
Lease Number: G09601	Source of Paleo: OPERATOR	Borehole MD: 11001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9567
API Well Number: 177104131000	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2320 - 11000	Water Depth: 391
Public Info Code: Y 30-APR-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2320 / 2320	DEF AT first sample examined	DEF AT
2321 / 2321	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5080 / 5003	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6070 / 5710	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6880 / 6270	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10810 / 9394	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
10900 / 9476	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 370	Date of Summary: 17-APR-1990	First Sample Examined: 5020
Lease Number: G09601	Source of Paleo: OPERATOR	Borehole MD: 9464
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7811
API Well Number: 177104131001	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 5020 - 9464	Water Depth: 391
Public Info Code: Y 14-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5020 / 4953	DEF AT first sample examined	DEF AT 4
5021 / 4954	DEF IN drilling material	DEF AT 4
5080 / 5004	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6880 / 6161	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7300 / 6429	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8050 / 6897	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8560 / 7231	DEF IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
8620 / 7270	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9040 / 7543	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
9190 / 7639	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9220 / 7658	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9399 / 7771	DEF AT anhydrite	DEF AT 5
9400 / 7772	DEF AT domal material	DEF AT 5
9464 / 7812	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 370	Date of Summary: 18-APR-1990	First Sample Examined: 5020
Lease Number: G09601	Source of Paleo: OPERATOR	Borehole MD: 9464
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7811
API Well Number: 177104131001	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 5020 - 9464	Water Depth: 391
Public Info Code: Y 14-MAY-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5020 / 4953	DEF AT first sample examined	DEF AT
5110 / 5030	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6040 / 5654	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6730 / 6067	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7450 / 6523	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9070 / 7562	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9464 / 7812	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 21-NOV-1990	First Sample Examined: 2400
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 6292
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5153
API Well Number: 177104132600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 1 of 2	Sample Range: 2400 - 6287	Water Depth: 420
Public Info Code: Y 19-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 1939	DEF AT first sample examined	DEF IN 3
3270 / 2416	DEF AT local marker foram increase	DEF IN 3
3690 / 2687	DEF AT local marker foram decrease	DEF IN 3
4200 / 3116	POS AT local marker deep water fauna	DEF AT 4
4380 / 3284	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4710 / 3601	DEF AT local marker foram decrease	DEF AT 4
6287 / 5140	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 21-NOV-1990	First Sample Examined: 2400
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 6292
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5153
API Well Number: 177104132600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 2 of 2	Sample Range: 2400 - 6287	Water Depth: 420
Public Info Code: Y 19-NOV-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2400 / 1939	DEF AT first sample examined	DEF AT
2940 / 2232	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3420 / 2506	DEF AT local marker floral increase	DEF AT
3510 / 2563	DEF AT local marker floral decrease	DEF AT
5040 / 3922	DEF AT local marker floral increase	DEF AT
5220 / 4097	DEF AT local marker floral decrease	DEF AT
5940 / 4801	DEF AT local marker floral increase	DEF AT
6030 / 4889	DEF AT local marker floral decrease	DEF AT
6287 / 5140	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 21-NOV-1990	First Sample Examined: 2200
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 5790
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4676
API Well Number: 177104132601	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 1 of 2	Sample Range: 2200 - 5790	Water Depth: 420
Public Info Code: Y 25-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 1829	DEF AT first sample examined	DEF AT 3
3070 / 2441	DEF AT local marker foram increase	DEF AT 3
3160 / 2508	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3730 / 2951	DEF AT local marker foram increase	DEF AT 3
4030 / 3199	DEF AT - - - - -	DEF AT 4
4090 / 3249	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4960 / 3972	DEF AT local marker foram increase	DEF AT 4
5380 / 4325	DEF AT local marker foram decrease	DEF AT 4
5790 / 4671	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 21-NOV-1990	First Sample Examined: 2200
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 5790
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4676
API Well Number: 177104132601	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 2 of 2	Sample Range: 2200 - 5790	Water Depth: 420
Public Info Code: Y 25-NOV-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 1829	DEF AT first sample examined	DEF AT
3010 / 2396	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5790 / 4671	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 07-JAN-1991	First Sample Examined: 2400
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 10158
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7794
API Well Number: 177104132900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 1 of 2	Sample Range: 2400 - 10158	Water Depth: 420
Public Info Code: Y 29-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2198	DEF AT first sample examined	POS AT 3
2401 / 2199	DEF IN cement	POS AT 3
2460 / 2241	DEF AT faunal change (no faunal increase)	DEF AT 3
2700 / 2411	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3060 / 2672	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3870 / 3260	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4530 / 3734	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9480 / 7268	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10158 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 08-JAN-1991	First Sample Examined: 2400
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 10158
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7794
API Well Number: 177104132900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 2 of 2	Sample Range: 2400 - 10158	Water Depth: 420
Public Info Code: Y 29-DEC-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2198	DEF AT first sample examined	DEF AT
3300 / 2844	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4560 / 3756	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9660 / 7405	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10158 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 07-JAN-1991	First Sample Examined: 7140
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 10288
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8001
API Well Number: 177104132901	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 1 of 2	Sample Range: 7140 - 10288	Water Depth: 420
Public Info Code: Y 16-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 / 5562	DEF AT first sample examined	DEF IN 4
9120 / 7073	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9870 / 7669	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10287 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10288 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 08-JAN-1991	First Sample Examined: 7140
Lease Number: G05525	Source of Paleo: OPERATOR	Borehole MD: 10288
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8001
API Well Number: 177104132901	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 128
Paleo Report Num: 2 of 2	Sample Range: 7140 - 10288	Water Depth: 420
Public Info Code: Y 16-JAN-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 / 5562	DEF AT first sample examined	DEF AT
9930 / 7716	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10288 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-2004

Area Block: EI 371	Date of Summary: 31-MAY-1991	First Sample Examined: 2400
Lease Number: G09601	Source of Paleo: OPERATOR	Borehole MD: 9463
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3311
API Well Number: 177104132800	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 2400 - 9450	Water Depth: 420
Public Info Code: Y 16-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 1997	DEF AT first sample examined	DEF IN 3
5130 / 2515	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8120 / 3077	DEF AT sample gap top	POS IN 3
9000 / 3149	DEF AT sample gap bottom	DEF IN 3
9450 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 376	Date of Summary: 05-MAR-1998	First Sample Examined: 1500
Lease Number: G15266	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16995
API Well Number: 177104148500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1500 - 17010	Water Depth: 325
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 3
3210 / 3210	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6120 / 6120	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6270 / 6269	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7950 / 7949	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10110 / 10109	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11880 / 11879	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
14130 / 14129	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
16290 / 16286	DEF AT faunal change (no faunal increase)	DEF AT 5
16980 / 16975	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
17010 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 376	Date of Summary: 05-MAR-1998	First Sample Examined: 1500
Lease Number: G15266	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16995
API Well Number: 177104148500	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1500 - 17010	Water Depth: 325
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT
1560 / 1560	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2430 / 2430	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3870 / 3870	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6120 / 6120	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6270 / 6269	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7950 / 7949	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11010 / 11009	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11820 / 11819	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11880 / 11879	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14100 / 14099	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
17010 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 11-AUG-1987	First Sample Examined: 4650
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12954
API Well Number: 177104121700	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4650 - 13300	Water Depth: 430
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 / 4646	DEF AT first sample examined	DEF IN 2
4800 / 4796	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4980 / 4976	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5160 / 5154	DEF AT local marker benthic foram increase	DEF AT 4
5250 / 5242	DEF AT pyrite	DEF AT 4
5430 / 5415	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6150 / 6095	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7290 / 7185	DEF AT local marker deep water fauna	DEF AT 5
7920 / 7789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9690 / 9478	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11970 / 11679	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12089 / 11794	DEF AT pyrite	DEF AT 5
12090 / 11794	POS IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
12420 / 12113	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
12750 / 12430	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
13010 / 12678	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
13130 / 12792	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13160 / 12821	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
13229 / 12887	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
13230 / 12887	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13300 / 12954	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 01-JUL-1992	First Sample Examined: 3050
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 11250
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9566
API Well Number: 177104082501	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 3050 - 11251	Water Depth: 431
Public Info Code: Y 01-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 2950	DEF AT first sample examined	DEF IN 3
3290 / 3147	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7370 / 6457	DEF AT poor sample interval top	DEF IN 3
8510 / 7367	DEF AT poor sample interval bottom	DEF IN 3
9200 / 7932	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
9470 / 8152	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
9680 / 8322	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
9770 / 8395	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9830 / 8445	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11251 / 9567	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 01-JUL-1992	First Sample Examined: 3050
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 11250
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9566
API Well Number: 177104082501	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 3050 - 11251	Water Depth: 431
Public Info Code: Y 01-OCT-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 2950	DEF AT first sample examined	DEF AT
3230 / 3099	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9529 / 8200	DEF AT local marker floral increase	DEF AT
9530 / 8201	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
9680 / 8322	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9710 / 8346	DEF AT local marker floral decrease	DEF AT
9800 / 8420	DEF AT local marker floral increase	DEF AT
11251 / 9567	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 1530
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12285
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8892
API Well Number: 177104130300	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 1530 - 8700	Water Depth: 430
Public Info Code: Y 11-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1530 / 1527	DEF AT first sample examined	POS AT 3
1531 / 1528	DEF IN cement	POS AT 3
1740 / 1737	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3030 / 2920	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3360 / 3160	DEF AT local marker deep water fauna	DEF AT 4
3780 / 3433	DEF AT faunal change (no faunal increase)	DEF AT 3
3900 / 3514	DEF AT sample gap top	POS AT 3
4579 / 3971	DEF AT sample gap bottom	DEF AT 3
4830 / 4141	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5211 / 4383	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6632 / 5274	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6640 / 5278	DEF AT local marker foram decrease	DEF AT 4
6702 / 5314	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6799 / 5373	DEF AT sample gap top	POS AT 4
6890 / 5428	DEF AT sample gap bottom	DEF AT 4
7754 / 5968	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8700 / 6583	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 1530
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12285
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8892
API Well Number: 177104130300	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 1530 - 8700	Water Depth: 430
Public Info Code: Y 11-DEC-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1530 / 1527	DEF AT first sample examined	DEF AT
1710 / 1707	DEF AT local marker floral increase	DEF AT
1800 / 1796	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
1830 / 1826	DEF AT local marker floral decrease	DEF AT
2340 / 2322	DEF AT local marker floral increase	DEF AT
2490 / 2461	DEF AT local marker floral decrease	DEF AT
3390 / 3180	DEF AT local marker floral increase	DEF AT
3420 / 3199	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
3720 / 3393	DEF AT local marker floral decrease	DEF AT
3900 / 3514	DEF AT sample gap top	DEF AT
4670 / 4033	DEF AT sample gap bottom	DEF AT
6659 / 5289	DEF AT local marker floral increase	DEF AT
6660 / 5290	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
6840 / 5398	DEF AT local marker floral decrease	DEF AT
8700 / 6583	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 8540
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12458
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8775
API Well Number: 177104130301	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 1 of 4	Sample Range: 8540 - 12260	Water Depth: 430
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
8540 / 6466	DEF AT first sample examined	DEF AT 4
9440 / 7019	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10400 / 7576	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11330 / 8141	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12260 / 8667	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 8540
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12458
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8775
API Well Number: 177104130301	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 2 of 4	Sample Range: 8540 - 12260	Water Depth: 430
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for sidetrack 1, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 6466	DEF AT first sample examined	DEF AT
9410 / 7002	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10430 / 7594	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12260 / 8667	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 9260
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12458
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8775
API Well Number: 177104130301	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 3 of 4	Sample Range: 9260 - 12575	Water Depth: 430
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
9260 / 6917	DEF AT first sample examined	DEF IN 4
9261 / 6918	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 4
9470 / 7036	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9890 / 7276	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10640 / 7722	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10790 / 7816	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11870 / 8446	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12575 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 384	Date of Summary: 10-DEC-1990	First Sample Examined: 9260
Lease Number: G03159	Source of Paleo: OPERATOR	Borehole MD: 12458
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8775
API Well Number: 177104130301	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 110
Paleo Report Num: 4 of 4	Sample Range: 9260 - 12575	Water Depth: 430
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack 2, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9260 / 6917	DEF AT first sample examined	DEF AT
9710 / 7172	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10610 / 7704	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12575 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 385	Date of Summary: 05-MAR-2001	First Sample Examined: 1740
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 4897
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 4896
API Well Number: 177104151800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 1740 - 4830	Water Depth: 315
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1740 / 1740	DEF AT first sample examined	DEF AT 2
1860 / 1860	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2040 / 2040	DEF AT - - - - -	DEF AT 2
2160 / 2160	DEF AT - - - - -	DEF AT 1
2310 / 2310	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 1
2610 / 2610	DEF AT - - - - -	DEF AT 2
2640 / 2640	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2670 / 2670	DEF AT - - - - -	DEF AT 3
2730 / 2730	DEF AT out-of-place section	DEF IN 4
2880 / 2880	DEF IN out-of-place section	DEF IN 4
4830 / 4829	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 385	Date of Summary: 05-MAR-2001	First Sample Examined: 4470
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 17626
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 17603
API Well Number: 177104151801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 4470 - 17520	Water Depth: 315
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4469	DEF AT first sample examined	POS AT 4
4471 / 4470	DEF AT out-of-place section	POS AT 4
4890 / 4889	DEF AT - - - -	DEF IN 4
4891 / 4890	DEF AT out-of-place section	DEF IN 4
4950 / 4949	DEF AT salt	DEF IN 4
5220 / 5218	DEF AT - - - -	POS AT 4
8249 / 8237	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
12536 / 12516	DEF AT base of salt	POS IN 4
12539 / 12519	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
12540 / 12520	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
12541 / 12521	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
12660 / 12640	POS IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
12690 / 12670	DEF AT - - - -	DEF IN 4
12870 / 12850	DEF AT reworked material	DEF IN 4
13590 / 13569	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
13890 / 13869	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4
14070 / 14049	DEF AT - - - -	DEF AT 4
15750 / 15729	DEF AT - - - -	DEF IN 4
16380 / 16359	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 4
16381 / 16360	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 4
17520 / 17499	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 385	Date of Summary: 05-MAR-2001	First Sample Examined: 4470
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 17626
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 17603
API Well Number: 177104151801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 4470 - 17520	Water Depth: 315
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4469	DEF AT first sample examined	DEF AT
4471 / 4470	DEF IN out-of-place section	DEF AT
4950 / 4949	DEF AT salt	DEF AT
12210 / 12191	DEF AT gray shale	DEF AT
12540 / 12520	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12541 / 12521	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12570 / 12550	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
12660 / 12640	POS IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
12870 / 12850	DEF AT out-of-place section	DEF AT
13110 / 13090	DEF AT out-of-place section	DEF AT
13590 / 13569	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
16380 / 16359	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
17520 / 17499	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EI 385	Date of Summary: 05-MAR-2001	First Sample Examined: 17340
Lease Number: G02329	Source of Paleo: OPERATOR	Borehole MD: 19930
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 19897
API Well Number: 177104151802	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 17340 - 19890	Water Depth: 315
Public Info Code: Y 30-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17340 / 17310	DEF AT first sample examined	DEF IN 4
17341 / 17311	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 4
17460 / 17430	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 4
18240 / 18208	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 4
18540 / 18508	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 4
18570 / 18538	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 4
18690 / 18657	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF IN 4
18780 / 18747	DEF IN Upper Miocene (Tortonian) Discoaster praebollii	DEF IN 4
18900 / 18867	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF IN 4
19350 / 19316	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 4
19410 / 19376	DEF IN Upper Miocene (Tortonian) Catinaster calyculus	DEF IN 4
19470 / 19436	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 4
19800 / 19761	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF IN 4
19890 / 19849	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 658	Date of Summary: 05-NOV-2003	First Sample Examined: 2700
Lease Number: G18162	Source of Paleo: OPERATOR	Borehole MD: 14274
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608105009700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 2700 - 15000	Water Depth: 493
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2700	DEF AT first sample examined	DEF AT 5
2880 / 2880	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2970 / 2970	DEF AT - - - - -	DEF AT 4
3690 / 3690	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4140 / 4140	DEF AT - - - - -	DEF AT 5
4410 / 4409	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5040 / 5039	DEF AT - - - - -	DEF IN 5
5580 / 5579	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
5700 / 5699	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
5790 / 5789	DEF AT - - - - -	DEF AT 5
6510 / 6509	DEF AT - - - - -	DEF IN 5
6570 / 6569	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
6720 / 6719	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 5
7110 / 7109	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7230 / 7229	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7260 / 7259	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7470 / 7469	DEF AT - - - - -	DEF AT 5
8520 / 8519	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9540 / 9539	DEF AT - - - - -	DEF AT 4
10500 / 10498	DEF AT - - - - -	DEF AT 5
13200 / 13195	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 5
13350 / 13344	DEF AT salt	POS IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 658	Date of Summary: 05-NOV-2003	First Sample Examined: 2700
Lease Number: G18162	Source of Paleo: OPERATOR	Borehole MD: 14274
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608105009700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 2700 - 15000	Water Depth: 493
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13500 / 13494	DEF AT - - - - -	POS AT 6
13590 / 13584	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13650 / 13644	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13770 / 13763	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
13980 / 13973	DEF AT - - - - -	DEF IN 5
14220 / 14212	DEF AT - - - - -	DEF AT 5
14490 /	DEF AT - - - - -	DEF AT 6
14550 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
14670 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
14730 /	DEF AT - - - - -	DEF AT 5
14820 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
15000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 658	Date of Summary: 05-NOV-2003	First Sample Examined: 2700
Lease Number: G18162	Source of Paleo: OPERATOR	Borehole MD: 14274
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608105009700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 2700 - 15000	Water Depth: 493
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2700	DEF AT first sample examined	DEF AT
4320 / 4320	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5130 / 5129	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
5580 / 5579	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5700 / 5699	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6510 / 6509	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6600 / 6599	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6840 / 6839	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7110 / 7109	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7140 / 7139	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7230 / 7229	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9120 / 9119	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10770 / 10768	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
13350 / 13344	DEF AT salt	DEF AT
13499 / 13493	DEF IN salt	DEF AT
13500 / 13494	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13530 / 13524	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13560 / 13554	DEF AT base of salt	DEF AT
13620 / 13614	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
13770 / 13763	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
13830 / 13823	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
13890 / 13883	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 658	Date of Summary: 05-NOV-2003	First Sample Examined: 2700
Lease Number: G18162	Source of Paleo: OPERATOR	Borehole MD: 14274
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14266
API Well Number: 608105009700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 2700 - 15000	Water Depth: 493
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14490 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
14550 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
14700 /	POS IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
14820 /	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
14970 /	POS AT salt	DEF AT
15000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 21-AUG-1990	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15165
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 13135
API Well Number: 608105001300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 481
Public Info Code: Y 04-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11220 / 10507	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14310 / 12996	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT
14415 / 13085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
14955 / 13510	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 31-DEC-1993	First Sample Examined: 9750
Lease Number: G05800	Source of Paleo: OPERATOR	Borehole MD: 16765
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13723
API Well Number: 608105002000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 9750 - 16765	Water Depth: 481
Public Info Code: Y 27-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9750 / 8338	DEF AT first sample examined	DEF AT
9751 / 8338	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
9930 / 8480	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
10470 / 8913	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
11400 / 9663	DEF AT local marker foram increase	DEF AT
11580 / 9809	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11700 / 9906	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11758 / 9953	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
14610 / 12253	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
15390 / 12795	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
15480 / 12854	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
15810 / 13075	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
16380 / 13462	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
16440 / 13503	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
16500 / 13543	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
16560 / 13583	DEF AT floral flood	DEF AT
16575 / 13593	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
16590 / 13603	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
16619 / 13622	DEF AT floral flood	DEF AT
16620 / 13623	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16635 / 13633	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
16680 / 13663	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 31-DEC-1993	First Sample Examined: 9750
Lease Number: G05800	Source of Paleo: OPERATOR	Borehole MD: 16765
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13723
API Well Number: 608105002000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 9750 - 16765	Water Depth: 481
Public Info Code: Y 27-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16765 / 13720	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 27-JAN-1995	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17054
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 12601
API Well Number: 608105002800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 481
Public Info Code: Y 22-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
11490 / 9620	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
13230 / 10556	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
14610 / 11286	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
15960 / 12024	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16680 / 12402	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 29-JUL-1991	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16639
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 12820
API Well Number: 608105003000	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 481
Public Info Code: Y 05-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15230 / 11863	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
15590 / 12115	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16070 / 12438	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16250 / 12561	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 826	Date of Summary: 19-NOV-1990	First Sample Examined: 0
Lease Number: G05800	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11611
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 10862
API Well Number: 608105002100	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 481
Public Info Code: Y 06-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9360 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
11100 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11430 /	DEF AT caprock	DEF AT
11459 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11460 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
11475 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 827	Date of Summary: 01-MAY-1998	First Sample Examined: 0
Lease Number: G18165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12626
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11898
API Well Number: 608105008500	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 634
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11920 / 11288	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11921 / 11288	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11950 / 11314	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12010 / 11366	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12580 / 11856	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12581 / 11857	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 04-MAR-1991	First Sample Examined: 3537
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13881
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13878
API Well Number: 608105002600	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3537 - 13881	Water Depth: 773
Public Info Code: Y 23-MAR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3537 / 3537	DEF AT first sample examined	DEF AT
3620 / 3620	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5300 / 5300	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6110 / 6110	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6260 / 6260	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6320 / 6320	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6560 / 6560	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7370 / 7370	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11080 / 11079	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12650 / 12648	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13881 / 13878	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 05-MAR-1991	First Sample Examined: 3537
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13881
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13878
API Well Number: 608105002600	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3537 - 13881	Water Depth: 773
Public Info Code: Y 23-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3537 / 3537	DEF AT first sample examined	DEF IN 5
3710 / 3710	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
3860 / 3860	DEF AT - - - - -	DEF AT 4
4880 / 4880	DEF AT - - - - -	DEF IN 5
5300 / 5300	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6260 / 6260	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
6350 / 6350	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7460 / 7460	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
11020 / 11019	DEF AT - - - - -	DEF AT 6
11050 / 11049	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13881 / 13878	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 9745
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11541
API Well Number: 608105002601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 9745 - 12320	Water Depth: 773
Public Info Code: Y 15-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9745 / 9744	DEF AT first sample examined	DEF IN 5
9746 / 9745	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
12320 / 11519	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 9745
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11541
API Well Number: 608105002601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 9745 - 12320	Water Depth: 773
Public Info Code: Y 15-APR-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9745 / 9744	DEF AT first sample examined	DEF AT
9746 / 9745	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12320 / 11519	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 12290
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11541
API Well Number: 608105002601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 12290 - 12350	Water Depth: 773
Public Info Code: Y 15-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Bypass 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12290 / 11503	DEF AT first sample examined	DEF IN 5
12291 / 11503	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
12350 / 11534	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 12290
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11541
API Well Number: 608105002601	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 12290 - 12350	Water Depth: 773
Public Info Code: Y 15-APR-2001	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for bypass 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12290 / 11503	DEF AT first sample examined	DEF AT
12291 / 11503	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12350 / 11534	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 12080
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13062
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12277
API Well Number: 608105002602	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 12080 - 13085	Water Depth: 773
Public Info Code: Y 29-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Bypass 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12080 / 11576	DEF AT first sample examined	DEF IN 5
12590 / 11935	DEF AT - - - - -	DEF AT 6
12860 / 12129	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13085 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 03-APR-1991	First Sample Examined: 12080
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13062
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12277
API Well Number: 608105002602	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 12080 - 13085	Water Depth: 773
Public Info Code: Y 29-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for bypass 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12080 / 11576	DEF AT first sample examined	DEF AT
12530 / 11892	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13085 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 05-AUG-1991	First Sample Examined: 4820
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13802
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608105003200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 4820 - 6050	Water Depth: 773
Public Info Code: Y 01-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 / 4693	DEF AT first sample examined	POS AT 4
4821 / 4694	DEF IN cement	POS AT 4
5030 / 4871	DEF AT - - - - -	DEF AT 4
5960 / 5647	DEF AT - - - - -	DEF IN 5
6050 / 5721	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 05-AUG-1991	First Sample Examined: 6020
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13802
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608105003200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 6020 - 13802	Water Depth: 773
Public Info Code: Y 01-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
6020 / 5696	DEF AT first sample examined	DEF IN 5
6110 / 5771	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7280 / 6739	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
7700 / 7088	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7820 / 7188	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9620 / 8735	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
13670 / 12474	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
13802 / 12606	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 06-AUG-1991	First Sample Examined: 4820
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13802
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608105003200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 4820 - 6050	Water Depth: 773
Public Info Code: Y 01-SEP-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 / 4693	DEF AT first sample examined	DEF AT
5270 / 5074	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6050 / 5721	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 06-AUG-1991	First Sample Examined: 6020
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13802
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12606
API Well Number: 608105003200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 6020 - 13802	Water Depth: 773
Public Info Code: Y 01-SEP-2001	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack 1, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5696	DEF AT first sample examined	DEF AT
6021 / 5697	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6110 / 5771	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7280 / 6739	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7670 / 7063	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7760 / 7138	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7850 / 7213	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7940 / 7289	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8120 / 7441	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9500 / 8630	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13490 / 12295	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13802 / 12606	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 873	Date of Summary: 14-OCT-1991	First Sample Examined: 2400
Lease Number: G12136	Source of Paleo: OPERATOR	Borehole MD: 13430
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12759
API Well Number: 608105003600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2400 - 13440	Water Depth: 773
Public Info Code: Y 06-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT first sample examined	POS AT 4
2401 / 2401	DEF AT cement	POS AT 4
2730 / 2730	DEF AT - - - - -	DEF AT 4
3570 / 3570	DEF AT - - - - -	DEF IN 5
3900 / 3900	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
4950 / 4949	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
5370 / 5365	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6240 / 6181	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
6300 / 6234	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7440 / 7212	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
10950 / 10449	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13260 / 12600	DEF AT sample gap top	POS AT 6
13350 / 12685	DEF AT sample gap bottom	DEF AT 6
13440 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 913	Date of Summary: 08-SEP-1999	First Sample Examined: 3800
Lease Number: G16577	Source of Paleo: OPERATOR	Borehole MD: 18100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18090
API Well Number: 608104010700	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3800 - 18100	Water Depth: 796
Public Info Code: Y 01-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3800	DEF AT first sample examined	DEF AT 4
5390 / 5389	DEF AT - - - - -	DEF AT 5
5570 / 5569	DEF AT - - - - -	DEF IN 5
5810 / 5809	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
5930 / 5929	DEF AT - - - - -	DEF AT 5
7370 / 7369	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7670 / 7669	DEF AT - - - - -	DEF AT 5
8150 / 8149	DEF AT - - - - -	DEF IN 5
8180 / 8179	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
8330 / 8329	DEF AT - - - - -	DEF AT 5
9410 / 9409	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9500 / 9499	DEF AT - - - - -	DEF IN 5
10220 / 10219	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10310 / 10309	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10940 / 10939	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
11480 / 11479	DEF AT - - - - -	DEF AT 5
11690 / 11689	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12830 / 12829	DEF AT - - - - -	DEF AT 6
12980 / 12979	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
14360 / 14358	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
16970 / 16960	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
18100 / 18089	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 913	Date of Summary: 08-SEP-1999	First Sample Examined: 3800
Lease Number: G16577	Source of Paleo: OPERATOR	Borehole MD: 18100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18090
API Well Number: 608104010700	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3800 - 18100	Water Depth: 796
Public Info Code: Y 01-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, 15020=significant reoccurrence of *Ceratolithus acutus*, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3800 / 3800	DEF AT first sample examined	DEF AT
5420 / 5419	DEF AT Middle Pleistocene (Ionian) <i>Pseudoemiliana lacunosa</i> "B"	DEF AT
7520 / 7519	DEF AT Middle Pleistocene (Ionian) <i>Pseudoemiliana ovata</i>	DEF AT
8180 / 8179	DEF AT Lower Pleistocene (Calabrian) <i>Gephyrocapsa caribbeanica</i> (large)	DEF AT
9410 / 9409	DEF AT Lower Pleistocene (Calabrian) <i>Calcidiscus macintyreii</i>	DEF AT
9710 / 9709	DEF AT Upper Pliocene (Gelasian) <i>Discoaster brouweri</i>	DEF AT
10220 / 10219	DEF AT Upper Pliocene (Gelasian) <i>Discoaster brouweri</i> "A"	DEF AT
10250 / 10249	DEF AT Upper Pliocene (Gelasian) <i>Discoaster surculus</i>	DEF AT
10310 / 10309	DEF AT Upper Pliocene (Piacenzian) <i>Discoaster tamalis</i>	DEF AT
10820 / 10819	DEF AT Lower Pliocene (Zanclian) <i>Sphenolithus abies</i>	DEF AT
10880 / 10879	DEF AT Lower Pliocene (Zanclian) <i>Reticulofenestra pseudoumbilica</i>	DEF AT
10910 / 10909	DEF AT Lower Pliocene (Zanclian) <i>Pseudosphenolithus abies</i> "B" (acme)	DEF AT
11930 / 11929	POS AT Lower Pliocene (Zanclian) <i>Sphenolithus abies</i> "B"	DEF AT
13010 / 13009	POS AT Lower Pliocene (Zanclian) <i>Amaurolithus tricorniculatus</i>	DEF AT
14090 / 14089	POS AT Lower Pliocene (Zanclian) <i>Ceratolithus acutus</i>	DEF AT
17280 / 17270	DEF AT Upper Miocene (Messinian) <i>Discoaster quinqueramus</i>	DEF AT
18100 / 18089	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 919	Date of Summary: 06-OCT-1997	First Sample Examined: 0
Lease Number: G16578	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8477
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7700
API Well Number: 608105007700	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1432
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4666	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8150 / 7437	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8180 / 7461	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 921	Date of Summary: 05-DEC-1990	First Sample Examined: 4770
Lease Number: G12142	Source of Paleo: OPERATOR	Borehole MD: 15786
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15784
API Well Number: 608105002500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 4770 - 15780	Water Depth: 1630
Public Info Code: Y 10-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4770	DEF AT first sample examined	DEF AT 5
4771 / 4771	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
10410 / 10410	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10411 / 10411	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12870 / 12869	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13830 / 13829	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15780 / 15778	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 922	Date of Summary: 20-NOV-1998	First Sample Examined: 3025
Lease Number: G18176	Source of Paleo: OPERATOR	Borehole MD: 16444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16437
API Well Number: 608105008700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3025 - 16390	Water Depth: 1805
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, 12550=undifferentiated late Jurassic - no Cenozoic present - sparse, from 12730 to 16390, the nannospecies noted=first appearance datum (FAD), 12730=FAD *Conusphaera mexicana*, 13869,13870=FAD *Nannoconus grandis*, 14140=FAD *Eprolithus floralis*, 14530=FAD *Micula decussata*, 14800=FAD *Discoaster mahmoudii* with *Toweius eminens*, 14930=FAD *Tribrachiatius orthostylus*, 15040=FAD *Reticulofenestrata hillae* with *FAD Ericsonia formosa*, 15100=FAD *Dictyococcites bisectus* with *FAD Sphenolithus predistentus*, 15130=FAD *Cyclicargolithus floridanus*, 15190=FAD *Reticulofenestra oamurensis*, 15360=FAD *Sphenolithus ciperensis* (=NP24), 15440=FAD *Pontosphaera enormis* (=NP25), 15620=FAD *Sphenolithus conicus* (=NN1), 15980=FAD *Sphenolithus belemnus*, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3025 / 3025	DEF AT first sample examined	DEF AT
8080 / 8080	POS AT Middle Pleistocene (Ionian) <i>Pseudoemiliana lacunosa</i> "B"	DEF AT
9700 / 9700	DEF AT Middle Pleistocene (Ionian) <i>Pseudoemiliana ovata</i>	DEF AT
10000 / 10000	DEF AT Lower Pleistocene (Calabrian) <i>Helicosphaera sellii</i>	DEF AT
10750 / 10750	DEF AT Upper Pliocene (Gelasian) <i>Discoaster pentaradiatus</i>	DEF AT
10780 / 10780	DEF AT Upper Pliocene (Gelasian) <i>Discoaster surculus</i>	DEF AT
10870 / 10870	DEF AT Upper Pliocene (Piacenzian) <i>Discoaster tamalis</i>	DEF AT
10900 / 10900	DEF AT Lower Pliocene (Zanclian) <i>Sphenolithus abies</i>	DEF AT
11020 / 11020	DEF AT Lower Pliocene (Zanclian) <i>Reticulofenestra pseudoumbilica</i>	DEF AT
11620 / 11619	DEF AT Lower Pliocene (Zanclian) <i>Pseudosphenolithus abies</i> "B" (acme)	DEF AT
11950 / 11949	DEF AT Lower Pliocene (Zanclian) <i>Sphenolithus abies</i> "B"	DEF AT
12280 / 12279	POS AT Lower Pliocene (Zanclian) <i>Amaurolithus tricorniculatus</i>	DEF AT
12550 / 12549	DEF AT Jurassic	DEF AT
12730 / 12729	POS AT Upper Jurassic Tithonian Stage	DEF AT
13869 / 13866	POS AT Lower Cretaceous Aptian Stage	DEF AT
13870 / 13867	POS AT Lower Cretaceous Barremian Stage	DEF AT
14140 / 14137	DEF AT Lower Cretaceous Albian Stage	DEF AT
14530 / 14527	DEF AT Upper Cretaceous Campanian Stage	DEF AT

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 922	Date of Summary: 20-NOV-1998	First Sample Examined: 3025
Lease Number: G18176	Source of Paleo: OPERATOR	Borehole MD: 16444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16437
API Well Number: 608105008700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3025 - 16390	Water Depth: 1805
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14800 / 14797	DEF AT Upper (Late) Miocene	DEF AT
14930 / 14927	DEF AT Lower (Early) Eocene	DEF AT
15040 / 15037	DEF IN Middle Eocene	DEF AT
15100 / 15097	DEF AT Middle Eocene	DEF AT
15130 / 15127	DEF IN Upper (Late) Eocene	DEF AT
15190 / 15187	DEF AT Upper (Late) Eocene	DEF AT
15360 / 15356	DEF IN Oligocene Anahuac Formation/Provincial Stage	DEF AT
15440 / 15436	DEF AT Oligocene Anahuac Formation/Provincial Stage	DEF AT
15620 / 15616	DEF IN Lower (Early) Miocene	DEF AT
15980 / 15975	DEF AT Lower (Early) Miocene	DEF AT
16390 / 16384	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 922	Date of Summary: 20-NOV-1998	First Sample Examined: 3025
Lease Number: G18176	Source of Paleo: OPERATOR	Borehole MD: 16444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16437
API Well Number: 608105008700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3025 - 16390	Water Depth: 1805
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: 12040 to 12120=zone of Upper Cretaceous planktic fauna, displaced, reworked or introduced through the mud system, from 12430 to 14140, the samples are essentially barren, the stratigraphic section from 12430 to 16390 is overturned, species level of inception (FAD) rather than extinction horizons are defined, 14140=FAD Globigerinelloides bentonensis (earliest Albian), 14290=FAD Rotalipora subticensis (middle Albian), 14320=FAD Praeglobotruncana delrioensis, 14470=FAD Praeglobotruncana stephani, 14500=FAD Globotruncana linneiana, 14560=FAD Globotruncana ventricosa, 14680=FAD Racemiguembelina fructicosa, Globotruncana contusa, 14770=FAD Globorotalia pseudobulloides, Globorotalialborotalia trinidadensis, 14890=FAD Acarina angulosa with Acarina soldanoensis soldanoensis, 14980=FAD Globigerinatheka kugleri, 15070=FAD Orbulinoides beckmanni (P13), 15100=FAD Globorotalia increbescens (P14 Upper), 15190=FAD Globigerinatheka semiinvoluta (P15-mid P16), 15250=FAD Globorotalia cerroazulensis cocoaensis sensu strictu (P16-P17), 15330=FAD Heterostegina israelkyi (consistent development), 15580=FAD Globorotalia kugleri (Upper P22), 15730=FAD Globigerinoides primordius, with Siphogenerina transversa (latest Oligocene, earliest Miocene transition), 15820=FAD Globigerinoides immaturus, 16070=FAD Globigerinoides ruber, with Globigerinoides bloom (N5), 16160=rare FAD Globigerinatella insueta (N6), foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3025 / 3025	DEF AT first sample examined	POS AT 5
3640 / 3640	DEF AT - - - -	DEF AT 5
7150 / 7150	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9460 / 9460	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9940 / 9940	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
10690 / 10690	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10780 / 10780	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
10840 / 10840	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10870 / 10870	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11440 / 11439	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11780 / 11779	DEF AT - - - -	DEF AT 6
11890 / 11889	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12040 / 12039	DEF AT reworked material	DEF AT 5
12430 / 12429	DEF AT - - - -	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 922	Date of Summary: 20-NOV-1998	First Sample Examined: 3025
Lease Number: G18176	Source of Paleo: OPERATOR	Borehole MD: 16444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16437
API Well Number: 608105008700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3025 - 16390	Water Depth: 1805
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14140 / 14137	DEF IN Lower Cretaceous Albian Stage	DEF AT 2
14170 / 14167	DEF AT - - - - -	DEF AT 3
14290 / 14287	DEF IN Lower Cretaceous Albian Stage	DEF AT 3
14320 / 14317	DEF IN Lower Cretaceous Albian Stage	DEF AT 3
14470 / 14467	DEF AT Lower Cretaceous Albian Stage	DEF AT 3
14499 / 14496	DEF AT Upper Cretaceous Santonian Stage	DEF AT 3
14500 / 14497	POS IN Upper Cretaceous Campanian Stage	DEF AT 3
14530 / 14527	DEF AT - - - - -	DEF AT 4
14560 / 14557	DEF AT Upper Cretaceous Campanian Stage	DEF AT 4
14680 / 14677	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 4
14770 / 14767	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT 4
14890 / 14887	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 5
14980 / 14977	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT 5
15070 / 15067	DEF AT Middle Eocene (Bartonian) Ceratobulimina eximia	DEF AT 5
15100 / 15097	DEF AT Middle Eocene (Bartonian) Discorbis yeguaensis	DEF AT 5
15190 / 15187	DEF IN Upper Eocene (Priabonian) Textularia hockleyensis	DEF AT 5
15250 / 15246	DEF AT Upper Eocene (Priabonian) Discorbis cocoaensis	DEF AT 5
15330 / 15326	DEF IN Oligocene Anahuac Formation/Provincial Stage	DEF AT 5
15580 / 15576	DEF IN Upper Oligocene (Chattian) Robulus "A"	DEF AT 5
15729 / 15724	DEF AT Oligocene Anahuac Formation/Provincial Stage	DEF AT 5
15730 / 15725	DEF IN Lower (Early) Miocene	DEF AT 5
15820 / 15815	DEF IN Lower (Early) Miocene	DEF AT 6
15890 / 15885	DEF AT - - - - -	DEF AT 5
16069 / 16064	DEF AT local marker planktic foram increase	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 922	Date of Summary: 20-NOV-1998	First Sample Examined: 3025
Lease Number: G18176	Source of Paleo: OPERATOR	Borehole MD: 16444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16437
API Well Number: 608105008700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3025 - 16390	Water Depth: 1805
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16070 / 16065	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
16160 / 16155	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
16390 / 16384	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 947	Date of Summary: 03-SEP-1991	First Sample Examined: 0
Lease Number: G05803	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10114
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 608104008300	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 480
Public Info Code: Y 14-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7650 / 6535	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 953	Date of Summary: 06-JUN-1997	First Sample Examined: 0
Lease Number: G16581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12770
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12110
API Well Number: 608105007000	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 708
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 / 6131	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7970 / 7960	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8030 / 8020	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11090 / 10757	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11180 / 10828	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 15-OCT-1998	First Sample Examined: 4920
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12047
API Well Number: 608104010100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 84
Paleo Report Num: 1 of 4	Sample Range: 4920 - 12960	Water Depth: 855
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4920 / 4736	DEF AT first sample examined	DEF AT 5
7980 / 7503	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8040 / 7558	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8340 / 7833	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9090 / 8521	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12960 / 11845	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 15-OCT-1998	First Sample Examined: 12800
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12047
API Well Number: 608104010100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 84
Paleo Report Num: 2 of 4	Sample Range: 12800 - 13200	Water Depth: 855
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Bypass 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 / 11710	DEF AT first sample examined	DEF AT 6
13200 / 12046	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 15-OCT-1998	First Sample Examined: 4960
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12047
API Well Number: 608104010100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 84
Paleo Report Num: 3 of 4	Sample Range: 4920 - 12960	Water Depth: 855
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS: N	Paleo ID: 004

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4736	DEF AT first sample examined	DEF AT
4921 / 4737	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5520 / 5266	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7620 / 7176	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7680 / 7230	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7980 / 7503	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8010 / 7530	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8190 / 7695	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8280 / 7778	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9330 / 8741	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9900 / 9259	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12960 / 11845	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 15-OCT-1998	First Sample Examined: 12800
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12047
API Well Number: 608104010100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 84
Paleo Report Num: 4 of 4	Sample Range: 12800 - 13200	Water Depth: 855
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS: N	Paleo ID: 005

Remark: Calcareous nannofossil report for bypass 1, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 / 11710	DEF AT first sample examined	DEF AT
13200 / 12046	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 18-DEC-2002	First Sample Examined: 2940
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13329
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12150
API Well Number: 608104011900	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 2940 - 13329	Water Depth: 850
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2940 / 2928	DEF AT first sample examined	DEF IN 4
3030 / 3014	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
3900 / 3796	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
4500 / 4330	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
7590 / 7123	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 4
7979 / 7481	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 4
7980 / 7482	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
8040 / 7537	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
8100 / 7592	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
8370 / 7841	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
9150 / 8549	DEF AT - - - - -	DEF AT 5
9240 / 8629	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9510 / 8862	DEF AT - - - - -	DEF IN 4
11340 / 10414	DEF AT - - - - -	DEF AT 5
11370 / 10440	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12540 / 11449	DEF AT - - - - -	DEF IN 4
12869 / 11739	POS AT out-of-place section	DEF IN 4
12870 / 11740	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 4
13329 / 12150	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 994	Date of Summary: 19-DEC-2002	First Sample Examined: 2940
Lease Number: G18186	Source of Paleo: OPERATOR	Borehole MD: 13329
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12150
API Well Number: 608104011900	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 2940 - 13329	Water Depth: 850
Public Info Code: Y 20-JUN-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, 12990=very rare Burdigalian (Lower Miocene) Sphenolithus disbelemnus, considered to be reworked, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2940 / 2928	DEF AT first sample examined	DEF AT
4500 / 4330	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4890 / 4678	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6810 / 6410	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7590 / 7123	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7710 / 7233	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7980 / 7482	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8010 / 7509	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8130 / 7620	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8160 / 7648	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8370 / 7841	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
9240 / 8629	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9420 / 8785	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12480 / 11396	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
12989 / 11845	POS AT reworked material	DEF AT
12990 / 11846	POS AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
13329 / 12150	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 1003	Date of Summary: 07-OCT-1994	First Sample Examined: 0
Lease Number: G06921	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17650
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16054
API Well Number: 608105004200	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1483
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 / 8430	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
10410 / 8818	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10970 / 9378	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12150 / 10558	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
12780 / 11188	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 1003	Date of Summary: 12-DEC-1994	First Sample Examined: 0
Lease Number: G13091	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12916
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12279
API Well Number: 608105004300	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1490
Public Info Code: Y 21-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3830	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
9860 / 9335	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10520 / 9968	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
12800 / 12166	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: EW 1008	Date of Summary: 14-JAN-1998	First Sample Examined: 0
Lease Number: G18188	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13389
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12570
API Well Number: 608105008201	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2055
Public Info Code: Y 03-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 / 7646	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
11250 / 10491	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
12445 / 11628	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 30-APR-1998	First Sample Examined: 3790
Lease Number: G17119	Source of Paleo: OPERATOR	Borehole MD: 9614
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9474
API Well Number: 427064040800	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3790 - 9614	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3790 / 3790	DEF AT first sample examined	DEF AT 1
6610 / 6521	DEF AT - - - - -	DEF AT 2
6790 / 6696	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6880 / 6783	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7150 / 7044	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7300 / 7190	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
7480 / 7364	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7630 / 7509	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9220 / 9080	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9520 / 9380	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9614 / 9474	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 05-MAY-1998	First Sample Examined: 0
Lease Number: G17119	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9614
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9474
API Well Number: 427064040800	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 4446	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8410 / 8272	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 30-APR-1998	First Sample Examined: 9615
Lease Number: G17119	Source of Paleo: OPERATOR	Borehole MD: 13170
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11879
API Well Number: 427064040801	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 9615 - 13170	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9615 / 9442	DEF AT first sample examined	DEF AT
10600 / 10426	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11200 / 11025	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11350 / 11175	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13170 / 12995	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 30-JUN-1998	First Sample Examined: 9615
Lease Number: G17119	Source of Paleo: OPERATOR	Borehole MD: 13170
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11879
API Well Number: 427064040801	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 9615 - 13170	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9615 / 9442	DEF AT first sample examined	DEF AT 2
10570 / 10396	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12400 / 12225	DEF AT - - - - -	DEF AT 4
13170 / 12995	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 30-APR-1998	First Sample Examined: 12700
Lease Number: G17119	Source of Paleo: OPERATOR	Borehole MD: 14110
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13931
API Well Number: 427064040802	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 12700 - 14080	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12700 / 12522	DEF AT first sample examined	POS AT 4
13540 / 13361	DEF AT Lower Miocene (Aquitanian) Siphonina davis	POS AT 4
14080 / 13901	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 144	Date of Summary: 31-JUL-1998	First Sample Examined: 0
Lease Number: G17119	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10162
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9273
API Well Number: 427064041300	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 23-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6053	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6660 / 6354	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7080 / 6703	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9020 / 8318	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9410 / 8641	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 09-OCT-1992	First Sample Examined: 0
Lease Number: G07236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8080
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6308
API Well Number: 427064029300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 12-JUN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4516 / 3354	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 28-OCT-1991	First Sample Examined: 0
Lease Number: G07236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9415
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8644
API Well Number: 427064030900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 17-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8270 / 7499	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 26-MAR-1999	First Sample Examined: 0
Lease Number: G07236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6695
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6236
API Well Number: 427064034100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 26-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3610 / 3425	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5150 / 4797	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6240 / 5803	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 16-JAN-1997	First Sample Examined: 4600
Lease Number: G07236	Source of Paleo: OPERATOR	Borehole MD: 14141
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12602
API Well Number: 427064039300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 2	Sample Range: 4600 - 12340	Water Depth: 58
Public Info Code: Y 26-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4600 / 4168	DEF AT first sample examined	DEF AT 1
4960 / 4465	DEF AT - - - - -	POS AT 2
5530 / 4927	POS AT Middle Miocene (Serravallian) Bigenerina humblei	POS AT 2
7630 / 6661	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	POS AT 2
8380 / 7285	DEF AT - - - - -	DEF AT 3
8650 / 7512	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10000 / 8697	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12250 / 10733	DEF AT - - - - -	DEF AT 4
12340 / 10818	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 16-JAN-1997	First Sample Examined: 4600
Lease Number: G07236	Source of Paleo: OPERATOR	Borehole MD: 14141
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12602
API Well Number: 427064039300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 114
Paleo Report Num: 2 of 2	Sample Range: 4600 - 14140	Water Depth: 58
Public Info Code: Y 26-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Bypass report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11500 / 10041	DEF AT first sample examined	DEF AT 3
12070 / 10563	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13150 / 11614	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
14140 / 12602	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 210	Date of Summary: 09-SEP-2001	First Sample Examined: 0
Lease Number: G07236	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11013
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7950
API Well Number: 427064042200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 26-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10158 / 7367	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10535 / 7624	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 211	Date of Summary: 13-MAR-1996	First Sample Examined: 3070
Lease Number: G06094	Source of Paleo: OPERATOR	Borehole MD: 15900
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15571
API Well Number: 427064038000	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3070 - 15900	Water Depth: 60
Public Info Code: Y 24-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 2992	DEF AT first sample examined	DEF AT 1
4360 / 4229	DEF AT - - - - -	POS AT 2
4900 / 4742	DEF AT local marker benthic foram increase	POS AT 2
5590 / 5393	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	POS AT 2
5680 / 5477	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	POS AT 2
6220 / 5987	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6340 / 6100	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6400 / 6157	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6790 / 6527	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6850 / 6585	DEF AT local marker benthic foram increase	DEF AT 3
8110 / 7801	DEF AT local marker benthic foram increase	DEF AT 3
8348 / 8036	DEF AT Eggerella sp. (local marker)	DEF AT 3
8349 / 8037	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8350 / 8038	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
8620 / 8306	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8769 / 8454	DEF AT Eggerella sp. (local marker)	DEF AT 3
8770 / 8455	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
8800 / 8485	DEF AT sample gap top	POS AT 3
9969 / 9652	DEF AT sample gap bottom	DEF AT 4
9970 / 9653	DEF IN Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11200 / 10882	DEF AT Bathysiphon fauna	DEF AT 4
12160 / 11842	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 211	Date of Summary: 13-MAR-1996	First Sample Examined: 3070
Lease Number: G06094	Source of Paleo: OPERATOR	Borehole MD: 15900
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15571
API Well Number: 427064038000	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3070 - 15900	Water Depth: 60
Public Info Code: Y 24-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13300 / 12980	DEF AT local marker benthic foram increase	DEF AT 4
13900 / 13577	DEF AT local marker benthic foram increase	DEF AT 4
14410 / 14085	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
14980 / 14654	DEF AT local marker benthic foram increase	DEF AT 4
15900 / 15571	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 223	Date of Summary: 01-FEB-1990	First Sample Examined: 3760
Lease Number: G03738	Source of Paleo: OPERATOR	Borehole MD: 8885
Well Name: JA002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7801
API Well Number: 427064025000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3760 - 8885	Water Depth: 62
Public Info Code: Y 30-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3760 / 3519	DEF AT first sample examined	POS AT 1
3970 / 3694	DEF AT - - - - -	DEF AT 1
5050 / 4568	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6330 / 5594	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
6680 / 5882	DEF AT local marker benthic foram increase	DEF AT 1
6990 / 6141	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
7440 / 6524	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
7820 / 6854	DEF AT reworked material	DEF AT 1
8030 / 7039	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8720 / 7652	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 1
8870 / 7787	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 237	Date of Summary: 01-NOV-2001	First Sample Examined: 0
Lease Number: G21323	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8650
API Well Number: 427064043100	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 / 7490	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 239	Date of Summary: 10-OCT-1995	First Sample Examined: 0
Lease Number: G09032	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15770
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15770
API Well Number: 427064026900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 27-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11990 / 11986	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13650 / 13645	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
15650 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 239	Date of Summary: 10-JAN-1991	First Sample Examined: 0
Lease Number: G09032	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12229
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12076
API Well Number: 427064028300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 01-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11325 / 11221	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 239	Date of Summary: 04-MAY-1998	First Sample Examined: 0
Lease Number: G09032	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7545
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7542
API Well Number: 427064031800	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 06-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6260 / 6258	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6618 / 6616	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 240	Date of Summary: 07-MAR-2002	First Sample Examined: 4530
Lease Number: G17123	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8803
API Well Number: 427064043200	Drilling Operator: TDC ENERGY CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4530 - 9745	Water Depth: 63
Public Info Code: Y 19-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF AT 1
4800 / 4800	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6840 / 6759	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7260 / 7068	DEF AT - - - - -	DEF AT 3
7320 / 7109	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8430 / 7885	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9060 / 8311	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9745 / 8800	DEF AT last sample examined	DEF AT 3

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 GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 252	Date of Summary: 29-AUG-1990	First Sample Examined: 0
Lease Number: G11307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9850
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9844
API Well Number: 427064027600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 14-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6387 / 6383	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6817 / 6813	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9373 / 9368	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 252	Date of Summary: 28-AUG-1990	First Sample Examined: 0
Lease Number: G11307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9996
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9425
API Well Number: 427064027000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 26-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6514 / 6500	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7015 / 6965	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7796 / 7628	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9670 / 9181	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 252	Date of Summary: 12-JUL-1991	First Sample Examined: 0
Lease Number: G11307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9950
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9515
API Well Number: 427064030500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 15-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7047 / 6777	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
7130 / 6855	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7800 / 7486	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9740 / 9328	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 252	Date of Summary: 29-DEC-1993	First Sample Examined: 0
Lease Number: G11307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9900
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8897
API Well Number: 427064033500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 14-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8099 / 7097	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8800 / 7798	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 270	Date of Summary: 14-APR-1998	First Sample Examined: 0
Lease Number: G17128	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10885
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10882
API Well Number: 427064040900	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10406 / 10404	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 272	Date of Summary: 13-OCT-1992	First Sample Examined: 0
Lease Number: G12497	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9325
API Well Number: 427064032500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 02-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7154 / 6914	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8030 / 7590	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 272	Date of Summary: 01-MAR-1993	First Sample Examined: 0
Lease Number: G12497	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 9625
API Well Number: 427064033000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 21-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 / 7115	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8360 / 7923	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 273	Date of Summary: 01-NOV-1990	First Sample Examined: 10500
Lease Number: G09037	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11000
API Well Number: 427064027100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10500 - 11000	Water Depth: 63
Public Info Code: Y 19-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 / 10493	DEF AT first sample examined	DEF AT 1
10501 / 10494	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10620 / 10612	POS AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 1
10740 / 10732	DEF AT local marker benthic foram increase	DEF AT 1
10920 / 10912	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
10921 / 10913	POS AT deepwater facies Planulina	DEF AT 2
10950 / 10942	DEF AT - - - - -	DEF AT 1
10980 / 10972	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 273	Date of Summary: 17-JAN-1991	First Sample Examined: 10930
Lease Number: G09037	Source of Paleo: OPERATOR	Borehole MD: 11534
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9668
API Well Number: 427064028000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10930 - 11260	Water Depth: 61
Public Info Code: Y 26-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10930 / 9188	DEF AT first sample examined	DEF AT 1
10931 / 9189	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 1
11230 / 9429	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 273	Date of Summary: 14-JUN-1991	First Sample Examined: 7000
Lease Number: G09037	Source of Paleo: OPERATOR	Borehole MD: 10960
Well Name: 003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9716
API Well Number: 427064029500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10950	Water Depth: 65
Public Info Code: Y 08-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6378	DEF AT first sample examined	DEF AT 1
7001 / 6379	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7480 / 6768	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
8080 / 7256	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
9060 / 8060	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
10110 / 8949	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
10170 / 9002	DEF AT faunal change (no faunal increase)	DEF AT 1
10830 / 9597	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10920 / 9679	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 273	Date of Summary: 02-SEP-1992	First Sample Examined: 0
Lease Number: G09037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9655
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9126
API Well Number: 427064029900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 15-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7270 / 7204	POS AT Lower (Early) Miocene	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 273	Date of Summary: 23-APR-1993	First Sample Examined: 0
Lease Number: G09037	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9756
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 9100
API Well Number: 427064033100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 30-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7780 / 7210	POS AT Lower (Early) Miocene	DEF AT
8610 / 7993	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

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Area Block: GA 282	Date of Summary: 31-AUG-1997	First Sample Examined: 8000
Lease Number: G15747	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 16414
API Well Number: 427064040200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 8000 - 16500	Water Depth: 64
Public Info Code: Y 31-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF AT 1
8001 / 8000	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8210 / 8209	POS AT unconformity	DEF IN 1
8360 / 8359	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 1
9350 / 9348	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF IN 1
9980 / 9977	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 1
10580 / 10577	POS AT unconformity	DEF AT 2
10670 / 10667	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10700 / 10697	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 2
10940 / 10937	DEF AT faunal change (no faunal increase)	DEF IN 2
11270 / 11267	DEF AT faunal change (no faunal increase)	DEF AT 3
12980 / 12974	DEF AT faunal change (no faunal increase)	DEF IN 3
14360 / 14351	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 3
15560 / 15536	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 3
16500 / 16454	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 282	Date of Summary: 20-DEC-1997	First Sample Examined: 13604
Lease Number: G15747	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 16414
API Well Number: 427064040200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 13604 - 16371	Water Depth: 64
Public Info Code: Y 31-JAN-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report based on sidewall cores

MD / TVD	Paleo Top Description	Ecozone
13604 / 13598	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
13622 / 13616	DEF AT siltstone	DEF AT
15339 / 15320	DEF AT gray shale	DEF AT
15340 / 15321	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT
15363 / 15343	DEF AT siltstone	DEF AT
15793 / 15763	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
15794 / 15764	DEF AT Arenaceous fauna (local marker)	DEF AT
15803 / 15773	DEF AT siltstone	DEF AT
16005 / 15970	DEF AT local marker foram decrease	DEF AT
16101 / 16064	DEF AT sand	DEF AT
16102 / 16065	DEF AT siltstone	DEF AT
16371 / 16328	DEF AT local marker foram decrease	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 283	Date of Summary: 27-JUL-1992	First Sample Examined: 6000
Lease Number: G09039	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: 003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8208
API Well Number: 427064032200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 6000 - 8208	Water Depth: 64
Public Info Code: Y 19-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 6900=Chilostomella oolina, 6990=Bolivina floridana, 7033=Cibicides planus - Brazos shale

MD / TVD	Paleo Top Description	Ecozone
6000 / 5997	DEF AT first sample examined	DEF AT 1
6001 / 5998	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6900 / 6897	DEF AT local marker benthic foram increase	DEF IN 1
6990 / 6987	POS AT deepwater facies Harang	DEF AT 2
7033 / 7030	DEF AT local marker benthic foram increase	DEF IN 2
7320 / 7317	DEF AT - - - - -	DEF AT 1
7470 / 7467	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
7500 / 7497	DEF AT - - - - -	DEF IN 1
7680 / 7677	DEF AT - - - - -	DEF AT 2
7710 / 7707	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
7860 / 7857	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 1
8190 / 8186	DEF AT last sample examined	DEF IN 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 283	Date of Summary: 19-APR-1991	First Sample Examined: 6000
Lease Number: G09039	Source of Paleo: OPERATOR	Borehole MD: 9737
Well Name: A002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9737
API Well Number: 427064028600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6000 - 9750	Water Depth: 63
Public Info Code: Y 12-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5998	DEF AT first sample examined	DEF AT 1
6001 / 5999	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
6120 / 6118	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6630 / 6627	DEF AT - - - - -	POS AT 2
6720 / 6717	DEF AT - - - - -	DEF AT 1
7140 / 7137	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7200 / 7197	DEF AT local marker foram increase	DEF AT 1
7410 / 7407	POS AT local marker benthic foram increase	DEF AT 1
7470 / 7467	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
7620 / 7617	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7770 / 7767	DEF AT - - - - -	DEF AT 1
8100 /	POS AT local marker planktic foram increase	DEF AT 1
8400 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 1
8490 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9360 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 1
9450 /	POS AT local marker benthic foram increase	DEF AT 1
9660 /	DEF AT - - - - -	DEF AT 2
9750 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

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Area Block: GA 298	Date of Summary: 20-OCT-1994	First Sample Examined: 6000
Lease Number: G13782	Source of Paleo: OPERATOR	Borehole MD: 11936
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10100
API Well Number: 427064035300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 6000 - 9480	Water Depth: 63
Public Info Code: Y 27-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5973	DEF AT first sample examined	DEF AT 1
6001 / 5974	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
6150 / 6110	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
6300 / 6241	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 1
6330 / 6267	DEF AT - - - - -	DEF AT 2
6450 / 6368	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6451 / 6369	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6600 / 6489	DEF AT - - - - -	DEF AT 1
6690 / 6559	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 1
7170 / 6910	DEF AT - - - - -	DEF AT 2
7320 / 7013	DEF AT - - - - -	DEF AT 1
8010 / 7477	POS AT unconformity	POS AT 2
8040 / 7498	DEF AT - - - - -	DEF AT 1
8160 / 7579	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
8400 / 7737	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 1
9150 / 8221	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
9330 / 8340	DEF AT - - - - -	DEF AT 2
9390 / 8381	POS AT gray shale	DEF AT 2
9480 / 8442	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 298	Date of Summary: 20-OCT-1994	First Sample Examined: 9480
Lease Number: G13782	Source of Paleo: OPERATOR	Borehole MD: 11936
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 10100
API Well Number: 427064035300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 9480 - 11970	Water Depth: 63
Public Info Code: Y 27-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
9480 / 8442	DEF AT first sample examined	DEF AT 2
9870 / 8713	DEF AT gray shale	DEF AT 2
9960 / 8777	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
11490 / 9849	DEF AT local marker foram decrease	POS AT 2
11580 / 9900	DEF AT local marker foram increase	DEF AT 1
11760 / 10002	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
11790 / 10018	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
11820 / 10035	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 1
11970 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 298	Date of Summary: 18-JUL-2001	First Sample Examined: 0
Lease Number: G13782	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11620
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10040
API Well Number: 427064039900	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 27-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6548 / 5996	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7235 / 6507	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8320 / 7358	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 321	Date of Summary: 26-JUN-1990	First Sample Examined: 0
Lease Number: G11316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9360
API Well Number: 427064026700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 19-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7726 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9360 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 329	Date of Summary: 01-AUG-2002	First Sample Examined: 4500
Lease Number: G20626	Source of Paleo: OPERATOR	Borehole MD: 13512
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13122
API Well Number: 427064043400	Drilling Operator: BP EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4500 - 13530	Water Depth: 52
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleo done by Rashel N Rosen, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
4530 / 4530	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4620 / 4620	DEF AT - - - - -	DEF AT 1
4980 / 4980	DEF AT - - - - -	DEF AT 2
5010 / 5010	DEF AT - - - - -	DEF AT 1
5100 / 5100	DEF AT - - - - -	DEF AT 2
5340 / 5340	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5730 / 5730	DEF AT - - - - -	DEF AT 1
5790 / 5790	DEF AT - - - - -	DEF AT 2
6000 / 6000	DEF AT - - - - -	DEF AT 2
6210 / 6210	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
6360 / 6360	DEF AT - - - - -	DEF AT 2
6840 / 6840	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6930 / 6930	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7500 / 7500	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
7530 / 7530	DEF AT - - - - -	DEF AT 1
7620 / 7620	DEF AT - - - - -	DEF AT 2
7770 / 7770	DEF AT deepwater facies Harang	DEF AT 4
7860 / 7860	DEF AT - - - - -	DEF IN 4
8010 / 8010	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
8250 / 8249	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 4
8280 / 8279	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 329	Date of Summary: 01-AUG-2002	First Sample Examined: 4500
Lease Number: G20626	Source of Paleo: OPERATOR	Borehole MD: 13512
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13122
API Well Number: 427064043400	Drilling Operator: BP EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4500 - 13530	Water Depth: 52
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8310 / 8309	DEF AT - - - - -	DEF AT 3
8370 / 8369	DEF AT - - - - -	DEF IN 3
8610 / 8608	DEF AT local marker benthic foram increase	DEF IN 3
8849 / 8843	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
8850 / 8844	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
9030 / 9016	DEF AT Eggerella sp. (local marker)	DEF AT 4
9210 / 9186	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9510 / 9465	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
9570 / 9520	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
10000 / 9912	DEF AT - - - - -	DEF AT 3
10120 / 10021	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10240 / 10131	DEF AT foram flood	DEF AT 3
10840 / 10681	DEF AT - - - - -	DEF AT 4
10900 / 10736	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 4
11650 / 11424	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
11950 / 11698	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12000 / 11744	DEF AT - - - - -	DEF IN 3
12090 / 11826	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF IN 3
12150 / 11881	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 3
13050 / 12698	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF IN 3
13530 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 357	Date of Summary: 28-JUN-1996	First Sample Examined: 0
Lease Number: G15759	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11618
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7183
API Well Number: 427064038300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7360 / 4914	POS AT Upper (Late) Miocene	DEF AT
8820 / 5693	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9820 / 6224	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 357	Date of Summary: 01-JUL-1996	First Sample Examined: 10395
Lease Number: G15759	Source of Paleo: OPERATOR	Borehole MD: 11618
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7183
API Well Number: 427064038300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 10395 - 11615	Water Depth: 92
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10395 / 6521	DEF AT first sample examined	DEF AT 2
10396 / 6521	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
10620 / 6640	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 2
10770 / 6720	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10980 / 6833	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
11220 / 6967	DEF AT limestone	DEF AT 2
11460 / 7098	DEF AT - - - - -	DEF IN 2
11580 / 7165	DEF AT sandstone	DEF AT 2
11615 / 7184	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 362	Date of Summary: 25-JUL-1995	First Sample Examined: 0
Lease Number: G14841	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7130
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6764
API Well Number: 427064036600	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 12-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6784 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 363	Date of Summary: 18-OCT-1990	First Sample Examined: 0
Lease Number: G06113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7925
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7391
API Well Number: 427064025200	Drilling Operator: WACKER OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 76
Public Info Code: Y 29-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7505 / 6971	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7750 / 7216	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 394	Date of Summary: 24-FEB-1993	First Sample Examined: 6500
Lease Number: G13317	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9100
API Well Number: 427064032700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6500 - 9100	Water Depth: 92
Public Info Code: Y 07-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6500 /	DEF AT first sample examined	DEF AT 1
6501 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7400 /	DEF AT pyrite	DEF AT 2
7401 /	DEF AT local marker foram increase	DEF AT 2
7430 /	DEF AT - - - - -	DEF AT 1
7940 /	DEF AT gray shale	DEF AT 3
8240 /	POS AT - - - - -	DEF AT 4
8270 /	DEF AT poor sample interval top	POS AT 4
8719 /	DEF AT poor sample interval bottom	DEF AT 1
8720 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
8841 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9080 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 394	Date of Summary: 18-SEP-1996	First Sample Examined: 0
Lease Number: G13317	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8750
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8749
API Well Number: 427064038400	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 07-MAR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8285 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 395	Date of Summary: 11-OCT-2001	First Sample Examined: 0
Lease Number: G12508	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7801
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7801
API Well Number: 427064043000	Drilling Operator: HELIS OIL & GAS COMPANY LLC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 22-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7524 / 7524	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 395	Date of Summary: 17-MAY-1996	First Sample Examined: 0
Lease Number: G12508	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8508
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8507
API Well Number: 427064037400	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 22-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 7959	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 420	Date of Summary: 31-JAN-1995	First Sample Examined: 7950
Lease Number: G14146	Source of Paleo: OPERATOR	Borehole MD: 12267
Well Name: A001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9192
API Well Number: 427064035700	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7950 - 12267	Water Depth: 94
Public Info Code: Y 07-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 10200=Bulimina falconensis acme

MD / TVD	Paleo Top Description	Ecozone
7950 / 7117	DEF AT first sample examined	DEF AT 2
7980 / 7131	DEF AT - - - - -	DEF IN 1
9420 / 7828	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 1
10200 / 8222	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10440 / 8340	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
10470 / 8355	DEF AT - - - - -	DEF IN 1
10890 / 8565	DEF AT sample gap top	POS IN 1
11340 / 8774	DEF AT sample gap bottom	DEF IN 1
11430 / 8814	POS AT Bathysiphon fauna	DEF AT 2
11910 / 9033	DEF AT - - - - -	DEF IN 1
12060 / 9100	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 1
12240 / 9180	DEF AT last sample examined	DEF IN 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA 420	Date of Summary: 22-JUN-2001	First Sample Examined: 0
Lease Number: G14146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11354
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9367
API Well Number: 427064037500	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 07-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7387 / 6210	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8362 / 7001	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 50	Date of Summary: 08-JUL-1994	First Sample Examined: 0
Lease Number: G12520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 2200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 2200
API Well Number: 427064035100	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 10-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 / 1630	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 50	Date of Summary: 14-OCT-1992	First Sample Examined: 0
Lease Number: G12520	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 3000
API Well Number: 427064032800	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 13-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1633 / 1633	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 145	Date of Summary: 17-NOV-1999	First Sample Examined: 1600
Lease Number: G20643	Source of Paleo: OPERATOR	Borehole MD: 17800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17784
API Well Number: 427074010000	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1600 - 17800	Water Depth: 159
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT first sample examined	DEF AT 3
2260 / 2260	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2620 / 2620	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3310 / 3310	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4000 / 4000	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
4300 / 4300	DEF AT - - - - -	DEF AT 5
5050 / 5050	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
5170 / 5170	DEF AT - - - - -	DEF AT 4
5440 / 5440	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5530 / 5530	DEF AT - - - - -	DEF AT 3
5920 / 5920	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6490 / 6490	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7150 / 7150	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8170 / 8170	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9520 / 9520	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9850 / 9850	DEF AT - - - - -	DEF AT 4
10720 / 10720	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11410 / 11410	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11650 / 11650	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12220 / 12220	DEF AT - - - - -	DEF AT 5
13570 / 13570	DEF AT - - - - -	DEF AT 6
13600 / 13600	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 145	Date of Summary: 17-NOV-1999	First Sample Examined: 1600
Lease Number: G20643	Source of Paleo: OPERATOR	Borehole MD: 17800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17784
API Well Number: 427074010000	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1600 - 17800	Water Depth: 159
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13930 / 13930	DEF AT - - - - -	DEF AT 5
14530 / 14529	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
14590 / 14589	DEF AT - - - - -	DEF AT 6
17800 / 17784	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 145	Date of Summary: 21-FEB-2000	First Sample Examined: 1600
Lease Number: G20643	Source of Paleo: OPERATOR	Borehole MD: 17800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17784
API Well Number: 427074010000	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1600 - 17800	Water Depth: 159
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1600	DEF AT first sample examined	DEF AT
1810 / 1810	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
2200 / 2200	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
2560 / 2560	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
2650 / 2650	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
2830 / 2830	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
3400 / 3400	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
3610 / 3610	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
3820 / 3820	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
4520 / 4520	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
4890 / 4890	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
5230 / 5230	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
5860 / 5860	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
6160 / 6160	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
6610 / 6610	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
7510 / 7510	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
7630 / 7630	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
8200 / 8200	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
8830 / 8830	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
9520 / 9520	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
9610 / 9610	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT
10840 / 10840	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 145	Date of Summary: 21-FEB-2000	First Sample Examined: 1600
Lease Number: G20643	Source of Paleo: OPERATOR	Borehole MD: 17800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17784
API Well Number: 427074010000	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1600 - 17800	Water Depth: 159
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11800 / 11800	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
13510 / 13510	DEF AT poor sample interval top	DEF AT
17799 / 17783	DEF AT poor sample interval bottom	DEF AT
17800 / 17784	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GA A 224	Date of Summary: 12-DEC-2001	First Sample Examined: 0
Lease Number: G22226	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6317
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6317
API Well Number: 427074010200	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 325
Public Info Code: Y 13-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6146 / 6146	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 70	Date of Summary: 24-JUL-1990	First Sample Examined: 0
Lease Number: G09200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11200
API Well Number: 608074007000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 755
Public Info Code: Y 03-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 5220	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9030 / 9030	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10860 / 10859	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 70	Date of Summary: 03-SEP-1993	First Sample Examined: 0
Lease Number: G09200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11410
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10862
API Well Number: 608074011700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 744
Public Info Code: Y 27-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10994 / 10494	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 70	Date of Summary: 23-JUN-1990	First Sample Examined: 0
Lease Number: G09201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14754
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11451
API Well Number: 608074006600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 745
Public Info Code: Y 24-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 5303	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
12330 / 9434	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14130 / 10888	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
14520 / 11242	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 70	Date of Summary: 27-JUL-1995	First Sample Examined: 0
Lease Number: G09201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10070
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9230
API Well Number: 608074013000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 750
Public Info Code: Y 27-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8573 / 7819	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 73	Date of Summary: 05-MAY-2000	First Sample Examined: 0
Lease Number: G20776	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 608074021200	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 745
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2640	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3250 / 3250	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3960 / 3960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 74	Date of Summary: 03-MAR-2000	First Sample Examined: 0
Lease Number: G17284	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6928
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6926
API Well Number: 608074021400	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 589
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1880 / 1880	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3140 / 3140	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3860 / 3860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4850 / 4850	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5480 / 5480	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5930 / 5930	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6020 / 6020	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6650 / 6649	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 83	Date of Summary: 10-DEC-1990	First Sample Examined: 1550
Lease Number: G11450	Source of Paleo: OPERATOR	Borehole MD: 8913
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6706
API Well Number: 608074080600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1550 - 8900	Water Depth: 485
Public Info Code: Y 06-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1550 / 1544	DEF AT first sample examined	DEF AT 5
2270 / 2213	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
8900 / 6696	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-2004

Area Block: GB 117	Date of Summary: 13-AUG-1996	First Sample Examined: 0
Lease Number: G12631	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17552
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15288
API Well Number: 608074013500	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 922
Public Info Code: Y 08-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 / 5174	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10600 / 9475	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
14020 / 12330	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
16060 / 14073	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 128	Date of Summary: 26-JUL-1994	First Sample Examined: 5289
Lease Number: G11455	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17478
API Well Number: 608074081300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5289 - 18454	Water Depth: 705
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Enchilada Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5289 / 5289	DEF AT first sample examined	DEF AT 3
5350 / 5350	DEF IN Illinoian fauna (local marker)	DEF AT 3
5440 / 5440	DEF AT local marker foram increase	DEF AT 4
5560 / 5560	DEF AT local marker foram increase	DEF AT 4
5800 / 5800	DEF AT faunal change (no faunal increase)	DEF AT 3
6400 / 6400	DEF AT transported shelf fauna	DEF AT 3
6850 / 6850	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
6879 / 6879	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
6880 / 6880	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6910 / 6910	DEF AT faunal change (no faunal increase)	DEF AT 3
7180 / 7180	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7240 / 7240	DEF AT pyrite	DEF AT 4
7300 / 7300	DEF AT faunal change (no faunal increase)	DEF AT 3
7630 / 7627	DEF AT oxidized shale	DEF AT 3
7690 / 7686	DEF AT local marker foram increase	DEF AT 4
7720 / 7715	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7750 / 7744	DEF AT pyrite	DEF AT 4
7780 / 7774	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7870 / 7861	DEF AT faunal change (no faunal increase)	DEF IN 3
7930 / 7918	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 3
8290 / 8254	DEF AT pyrite	DEF AT 2
8440 / 8391	DEF AT local marker foram increase	DEF AT 3

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Start Date: 01-JAN-2000

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Area Block: GB 128	Date of Summary: 26-JUL-1994	First Sample Examined: 5289
Lease Number: G11455	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17478
API Well Number: 608074081300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5289 - 18454	Water Depth: 705
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8890 / 8797	DEF AT faunal change (no faunal increase)	DEF AT 4
8920 / 8823	POS AT reworked material	DEF AT 4
8950 / 8850	DEF AT reworked material	DEF AT 4
8980 / 8876	DEF AT faunal change (no faunal increase)	DEF AT 3
9310 / 9170	DEF AT faunal change (no faunal increase)	DEF AT 4
9340 / 9197	DEF AT faunal change (no faunal increase)	DEF AT 3
9790 / 9599	DEF AT faunal change (no faunal increase)	DEF AT 4
9940 / 9732	DEF AT local marker foram increase	DEF AT 4
10000 / 9786	DEF AT faunal change (no faunal increase)	DEF AT 3
11080 / 10755	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
11410 / 11060	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
11470 / 11115	DEF AT faunal change (no faunal increase)	DEF AT 4
11500 / 11142	DEF AT faunal change (no faunal increase)	DEF AT 3
11650 / 11278	DEF AT faunal change (no faunal increase)	DEF AT 2
11890 / 11494	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
12550 / 12082	DEF AT cement	POS AT 3
12700 / 12214	POS AT reworked material	POS AT 3
12791 / 12293	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
13060 / 12528	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
13480 / 12898	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
13660 / 13057	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13780 / 13163	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
13900 / 13271	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 2
14290 / 13623	DEF AT Bathysiphon fauna	DEF IN 3

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End Date: 31-DEC-2004

Area Block: GB 128	Date of Summary: 26-JUL-1994	First Sample Examined: 5289
Lease Number: G11455	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17478
API Well Number: 608074081300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5289 - 18454	Water Depth: 705
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14350 / 13677	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
14440 / 13758	DEF AT Bathysiphon fauna	DEF IN 3
14560 / 13868	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
14860 / 14142	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 3
15070 / 14335	DEF AT Arenaceous fauna (local marker)	DEF IN 3
15100 / 14363	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
15280 / 14529	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
15310 / 14557	DEF AT local marker foram increase	DEF IN 4
15340 / 14585	DEF AT foram flood	DEF IN 4
15400 / 14640	DEF AT faunal change (no faunal increase)	DEF IN 3
15430 / 14668	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
15790 / 15002	DEF AT faunal change (no faunal increase)	DEF AT 4
15910 / 15113	DEF AT Bathysiphon fauna	DEF AT 4
15940 / 15141	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
16090 / 15281	DEF AT faunal change (no faunal increase)	DEF AT 3
16300 / 15476	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
16420 / 15588	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
16450 / 15616	DEF AT faunal change (no faunal increase)	DEF AT 3
17050 / 16175	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
17170 / 16287	DEF AT Eggerella sp. (local marker)	DEF AT 3
17200 / 16314	DEF AT Arenaceous fauna (local marker)	DEF AT 3
17470 / 16566	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
17920 / 16984	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
18070 / 17123	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 128	Date of Summary: 26-JUL-1994	First Sample Examined: 5289
Lease Number: G11455	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17478
API Well Number: 608074081300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 5289 - 18454	Water Depth: 705
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18160 / 17206	DEF AT faunal change (no faunal increase)	DEF AT 3
18310 / 17345	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-2004

Area Block: GB 128	Date of Summary: 26-JUL-1995	First Sample Examined: 5289
Lease Number: G11455	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17478
API Well Number: 608074081300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 5289 - 18454	Water Depth: 705
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Enchilada Prospect, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5289 / 5289	DEF AT first sample examined	DEF AT
5290 / 5290	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5380 / 5380	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6880 / 6880	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7240 / 7240	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7720 / 7715	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7990 / 7975	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
8230 / 8198	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8440 / 8391	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8800 / 8716	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11410 / 11060	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11500 / 11142	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13450 / 12871	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14320 / 13650	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14680 / 13977	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14830 / 14115	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
16630 / 15784	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
18010 / 17068	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
18454 / 17478	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 134	Date of Summary: 17-MAY-1996	First Sample Examined: 1770
Lease Number: G13366	Source of Paleo: OPERATOR	Borehole MD: 11396
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10076
API Well Number: 608074062900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1770 - 11400	Water Depth: 520
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1770 / 1770	DEF AT first sample examined	DEF AT 2
1771 / 1771	DEF IN cement	DEF AT 2
1890 / 1890	POS AT - - - - -	POS AT 3
2880 / 2835	DEF AT - - - - -	DEF AT 4
3330 / 3223	DEF AT - - - - -	DEF AT 5
4230 / 3979	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4650 / 4328	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7401 / 6589	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8610 / 7639	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8910 / 7900	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
9330 / 8265	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
11160 / 9869	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
11250 / 9948	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11310 / 10001	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11400 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 134	Date of Summary: 17-MAY-1996	First Sample Examined: 1770
Lease Number: G13366	Source of Paleo: OPERATOR	Borehole MD: 11396
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10076
API Well Number: 608074062900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1770 - 11400	Water Depth: 520
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1770 / 1770	DEF AT first sample examined	DEF AT
2850 / 2808	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4230 / 3979	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5220 / 4797	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7140 / 6366	POS IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7230 / 6442	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8610 / 7639	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8700 / 7718	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8940 / 7926	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11159 / 9868	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11160 / 9869	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11249 / 9947	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
11250 / 9948	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11400 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 168	Date of Summary: 02-MAR-1999	First Sample Examined: 10320
Lease Number: G15846	Source of Paleo: OPERATOR	Borehole MD: 16193
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15746
API Well Number: 608074018901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 10320 - 16194	Water Depth: 1225
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Waddenzee Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 / 10319	DEF AT first sample examined	POS AT 4
10380 / 10379	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10590 / 10589	DEF AT local marker benthic foram increase	DEF AT 4
10650 / 10649	DEF AT faunal change (no faunal increase)	DEF IN 4
10680 / 10678	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
10800 / 10798	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
10830 / 10828	DEF AT faunal change (no faunal increase)	DEF AT 4
10920 / 10917	DEF AT faunal change (no faunal increase)	DEF AT 4
11040 / 11036	DEF AT faunal change (no faunal increase)	DEF AT 4
11100 / 11095	DEF AT faunal change (no faunal increase)	DEF IN 4
11130 / 11125	DEF AT faunal change (no faunal increase)	DEF AT 4
11940 / 11903	DEF AT faunal change (no faunal increase)	DEF IN 4
12030 / 11989	DEF AT faunal change (no faunal increase)	DEF AT 4
12270 / 12222	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
12300 / 12251	DEF AT faunal change (no faunal increase)	DEF IN 4
12360 / 12311	DEF AT faunal change (no faunal increase)	DEF AT 4
12420 / 12370	DEF AT faunal change (no faunal increase)	DEF IN 4
12540 / 12489	DEF AT faunal change (no faunal increase)	DEF IN 4
12600 / 12549	DEF AT faunal change (no faunal increase)	DEF AT 4
13440 / 13385	DEF AT faunal change (no faunal increase)	DEF AT 4
13500 / 13444	DEF AT transported shelf fauna	POS AT 4
13560 / 13502	DEF AT faunal change (no faunal increase)	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 168	Date of Summary: 02-MAR-1999	First Sample Examined: 10320
Lease Number: G15846	Source of Paleo: OPERATOR	Borehole MD: 16193
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 15746
API Well Number: 608074018901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 10320 - 16194	Water Depth: 1225
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13590 / 13531	DEF AT sample gap top	POS AT 4
13650 / 13588	DEF AT sample gap bottom	DEF AT 4
14130 / 14031	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15450 / 15143	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15480 / 15168	DEF AT faunal change (no faunal increase)	DEF IN 4
15570 / 15243	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
16050 / 15634	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
16080 / 15658	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16140 / 15705	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
16170 /	DEF AT faunal change (no faunal increase)	DEF IN 4
16194 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 191	Date of Summary: 29-AUG-1991	First Sample Examined: 6720
Lease Number: G06359	Source of Paleo: OPERATOR	Borehole MD: 7343
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5940
API Well Number: 608074062401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 6720 - 7343	Water Depth: 720
Public Info Code: Y 09-JAN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 5479	DEF AT first sample examined	DEF AT 3
6721 / 5480	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6900 / 5596	DEF AT - - - - -	DEF AT 4
7290 / 5898	DEF AT - - - - -	DEF AT 2
7343 / 5941	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 191	Date of Summary: 29-AUG-1991	First Sample Examined: 7344
Lease Number: G06359	Source of Paleo: OPERATOR	Borehole MD: 11602
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9290
API Well Number: 608074062402	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 7344 - 11602	Water Depth: 720
Public Info Code: Y 23-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7344 / 5903	DEF AT first sample examined	DEF AT 2
7860 / 6300	DEF AT -----	DEF AT 3
8260 / 6621	DEF AT -----	DEF AT 2
9060 / 7268	DEF AT -----	DEF AT 3
9360 / 7509	DEF AT -----	DEF AT 2
11602 / 9291	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 192	Date of Summary: 09-FEB-1979	First Sample Examined: 1570
Lease Number: G03301	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10010
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 10010
API Well Number: 608074000600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1570 - 10000	Water Depth: 650
Public Info Code: Y 27-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1570 / 1570	DEF AT first sample examined	DEF IN 4
2730 / 2730	DEF AT local marker planktic foram increase	DEF IN 4
3480 / 3479	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 5
4140 / 4139	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
5040 / 5039	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 5
7480 / 7478	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9510 / 9506	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10000 / 9994	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 193	Date of Summary: 25-FEB-1998	First Sample Examined: 0
Lease Number: G17303	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8652
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8647
API Well Number: 608074064000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 687
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 8160	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 217	Date of Summary: 06-JAN-1999	First Sample Examined: 2852
Lease Number: G14225	Source of Paleo: OPERATOR	Borehole MD: 17358
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17351
API Well Number: 608074018500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2852 - 17358	Water Depth: 1490
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2852 / 2852	DEF AT first sample examined	POS AT 4
2853 / 2853	DEF AT cement	POS AT 4
2880 / 2880	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2970 / 2970	DEF AT - - - - -	DEF AT 5
5220 / 5220	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9570 / 9570	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10530 / 10530	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11460 / 11460	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12390 / 12390	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14040 / 14039	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14670 / 14669	DEF AT salt	DEF AT 5
17358 / 17351	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 217	Date of Summary: 06-JAN-1999	First Sample Examined: 2852
Lease Number: G14225	Source of Paleo: OPERATOR	Borehole MD: 17358
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17351
API Well Number: 608074018500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2852 - 17358	Water Depth: 1490
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2852 / 2852	DEF AT first sample examined	DEF AT
4110 / 4110	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5160 / 5160	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9450 / 9450	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9480 / 9480	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10980 / 10980	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11460 / 11460	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11910 / 11910	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12240 / 12240	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
12330 / 12330	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12600 / 12600	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14070 / 14069	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14430 / 14429	DEF AT out-of-place section	DEF AT
15240 / 15239	DEF AT salt	DEF AT
17358 / 17351	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 217	Date of Summary: 06-JAN-1999	First Sample Examined: 16710
Lease Number: G14225	Source of Paleo: OPERATOR	Borehole MD: 20537
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20518
API Well Number: 608074018501	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 16710 - 20510	Water Depth: 1490
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16710 / 16704	DEF AT first sample examined	DEF AT 5
16711 / 16705	DEF IN salt	DEF AT 5
17310 / 17303	POS AT Eocene	DEF AT 5
19680 / 19664	DEF AT base of salt	DEF AT 5
19810 / 19794	DEF AT Upper (Late) Miocene	DEF AT 5
20510 / 20492	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 217	Date of Summary: 06-JAN-1999	First Sample Examined: 16710
Lease Number: G14225	Source of Paleo: OPERATOR	Borehole MD: 20537
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20518
API Well Number: 608074018501	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 16710 - 20500	Water Depth: 1490
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16710 / 16704	DEF AT first sample examined	DEF AT
19680 / 19664	POS IN Upper (Late) Miocene	DEF AT
19780 / 19764	DEF AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
20500 / 20482	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 21-AUG-1990	First Sample Examined: 1700
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 11596
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9096
API Well Number: 608074062000	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 1700 - 11590	Water Depth: 806
Public Info Code: Y 04-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1700 / 1700	DEF AT first sample examined	DEF AT 3
4190 / 4190	DEF AT - - - - -	DEF AT 4
4340 / 4340	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4550 / 4550	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5240 / 5219	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5780 / 5696	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7910 / 6949	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10660 / 8548	DEF AT local marker benthic foram increase	DEF AT 5
11590 / 9093	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 09-JUL-1991	First Sample Examined: 3860
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6809
API Well Number: 608074062700	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 3860 - 7500	Water Depth: 756
Public Info Code: Y 02-AUG-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF AT first sample examined	DEF AT
3949 / 3949	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
3950 / 3950	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4040 / 4039	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
5300 / 5218	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
6470 / 6047	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6950 / 6406	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7250 / 6628	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7500 / 6809	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 10-JUL-1991	First Sample Examined: 3860
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6809
API Well Number: 608074062700	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3860 - 7500	Water Depth: 756
Public Info Code: Y 02-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF AT first sample examined	DEF IN 4
3949 / 3949	DEF AT foram flood	DEF AT 5
3950 / 3950	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4640 / 4627	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6500 / 6069	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6800 / 6295	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6980 / 6429	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
7500 / 6809	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 13-MAY-1992	First Sample Examined: 1725
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 10128
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7850
API Well Number: 608074010600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 83
Paleo Report Num: 1 of 4	Sample Range: 1725 - 7000	Water Depth: 785
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1725 / 1725	DEF AT first sample examined	DEF IN 3
4070 / 4070	DEF AT - - - - -	DEF AT 4
4280 / 4279	DEF AT - - - - -	DEF AT 5
4370 / 4369	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5150 / 5145	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5360 / 5349	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5510 / 5491	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7000 / 6433	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 13-MAY-1992	First Sample Examined: 1725
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 10128
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7850
API Well Number: 608074010600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 83
Paleo Report Num: 2 of 4	Sample Range: 1725 - 7000	Water Depth: 785
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for original hole, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1725 / 1725	DEF AT first sample examined	DEF AT
4160 / 4160	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4340 / 4339	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
5510 / 5491	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
6920 / 6401	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7000 / 6433	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 13-MAY-1992	First Sample Examined: 7010
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 10128
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7850
API Well Number: 608074010600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 83
Paleo Report Num: 3 of 4	Sample Range: 7010 - 10128	Water Depth: 785
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7010 / 6436	DEF AT first sample examined	DEF AT 5
9820 / 7706	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9850 / 7720	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9880 / 7734	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
10128 / 7850	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 235	Date of Summary: 13-MAY-1992	First Sample Examined: 7010
Lease Number: G07454	Source of Paleo: OPERATOR	Borehole MD: 10128
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7850
API Well Number: 608074010600	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 83
Paleo Report Num: 4 of 4	Sample Range: 7010 - 10120	Water Depth: 785
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 6436	DEF AT first sample examined	DEF AT
9819 / 7706	POS IN out-of-place section	DEF AT
9820 / 7706	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
10120 / 7846	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 237	Date of Summary: 23-JUL-1998	First Sample Examined: 2000
Lease Number: G02812	Source of Paleo: OPERATOR	Borehole MD: 13557
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13541
API Well Number: 608074063800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13557	Water Depth: 689
Public Info Code: Y 27-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF AT 1
2240 / 2240	DEF AT -----	DEF AT 2
2540 / 2540	DEF AT -----	DEF AT 3
2600 / 2600	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2660 / 2660	DEF AT -----	DEF AT 4
2780 / 2780	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
3380 / 3380	DEF AT -----	DEF AT 3
3560 / 3560	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3680 / 3680	DEF AT -----	DEF AT 4
5630 / 5630	DEF AT -----	DEF AT 3
5900 / 5900	DEF AT -----	DEF AT 4
6110 / 6110	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6200 / 6200	DEF AT -----	POS AT 4
6290 / 6290	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	POS AT 4
7130 / 7129	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	POS AT 4
7280 / 7279	DEF AT -----	DEF AT 4
8610 / 8608	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
10020 / 10016	DEF AT -----	DEF AT 2
10800 / 10794	DEF AT -----	DEF AT 4
12540 / 12527	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
13557 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 240	Date of Summary: 03-MAR-1991	First Sample Examined: 3410
Lease Number: G10342	Source of Paleo: OPERATOR	Borehole MD: 14161
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13461
API Well Number: 608074007300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3410 - 14150	Water Depth: 784
Public Info Code: Y 23-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3410	DEF AT first sample examined	DEF AT 5
3411 / 3411	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4130 / 4130	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7640 / 7640	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9770 / 9750	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
14150 / 13459	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 240	Date of Summary: 30-MAR-2000	First Sample Examined: 0
Lease Number: G10342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11989
API Well Number: 608074013100	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 832
Public Info Code: Y 26-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 8120	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
10420 / 10414	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 240	Date of Summary: 30-JUL-2001	First Sample Examined: 2345
Lease Number: G10342	Source of Paleo: OPERATOR	Borehole MD: 9446
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9179
API Well Number: 608074022700	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2345 - 9446	Water Depth: 900
Public Info Code: Y 26-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2345 / 2345	DEF AT first sample examined	DEF AT 4
4500 / 4500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6000 / 6000	DEF AT sample gap top	DEF AT
6236 / 6236	DEF AT sample gap bottom	DEF AT
6390 / 6390	DEF AT - - - - -	DEF IN 4
7920 / 7913	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
8190 / 8164	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
9446 / 9179	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 240	Date of Summary: 30-JUL-2001	First Sample Examined: 2345
Lease Number: G10342	Source of Paleo: OPERATOR	Borehole MD: 9446
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9179
API Well Number: 608074022700	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2345 - 9446	Water Depth: 900
Public Info Code: Y 26-AUG-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
2345 / 2345	DEF AT first sample examined	DEF AT
3570 / 3570	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5610 / 5610	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6000 / 6000	DEF AT sample gap top	DEF AT
6236 / 6236	DEF AT sample gap bottom	DEF AT
7860 / 7855	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7920 / 7913	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8190 / 8164	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9420 / 9159	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9446 / 9179	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 01-FEB-1998	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 / 6359	DEF AT first sample examined	DEF AT 4
6540 / 6539	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6660 / 6659	DEF AT local marker foram increase	DEF AT 4
7410 / 7408	DEF AT - - - - -	DEF IN 3
7470 / 7468	DEF AT local marker foram decrease	DEF IN 3
8060 / 8058	POS AT reworked material	POS AT 3
8070 / 8068	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
8130 / 8128	DEF AT - - - - -	DEF IN 3
8369 / 8367	DEF AT pyrite	DEF IN 3
8370 / 8368	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8430 / 8428	DEF AT - - - - -	DEF AT 4
8490 / 8488	DEF AT local marker deep water fauna	DEF IN 4
8520 / 8518	DEF AT - - - - -	POS AT 4
8759 / 8757	POS AT reworked material	DEF AT 4
8760 / 8758	DEF AT local marker foram increase	DEF AT 4
9060 / 9058	DEF AT - - - - -	DEF IN 4
9180 / 9178	DEF AT - - - - -	DEF AT 4
9780 / 9778	DEF AT - - - - -	DEF IN 3
10020 / 10018	DEF AT - - - - -	DEF IN 3
10130 / 10128	DEF AT local marker foram increase	DEF IN 4
10170 / 10168	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
10260 / 10258	DEF AT - - - - -	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 01-FEB-1998	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 / 10378	DEF AT -----	POS AT 4
11160 / 11158	DEF AT -----	DEF AT 4
11370 / 11368	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
12120 / 12116	DEF AT -----	DEF IN 3
12240 / 12235	DEF AT -----	DEF IN 4
12300 / 12295	DEF AT local marker foram increase	DEF IN 4
12389 / 12384	DEF AT pyrite	DEF IN 4
12390 / 12385	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
12600 / 12592	DEF AT -----	DEF AT 4
12749 / 12739	DEF AT pyrite	DEF AT 4
12750 / 12740	DEF AT local marker foram increase	DEF AT 4
12780 / 12770	DEF AT -----	DEF IN 4
13170 / 13151	DEF AT -----	DEF AT 4
13650 / 13610	POS AT local marker foram increase	DEF AT 4
13770 / 13722	DEF AT -----	POS AT 4
14040 / 13971	DEF AT -----	DEF IN 4
14220 / 14136	DEF AT -----	POS AT 4
14520 / 14409	DEF AT -----	DEF AT 4
14700 / 14573	DEF AT local marker foram increase	DEF AT 4
14729 / 14599	POS AT condensed section	DEF AT 4
14730 / 14600	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14880 / 14736	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
14940 / 14790	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
15000 / 14844	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 01-FEB-1998	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15480 / 15273	DEF AT - - - - -	DEF IN 3
15870 / 15620	DEF AT - - - - -	DEF AT 4
15900 / 15647	DEF AT Arenaceous fauna (local marker)	DEF AT 4
16230 / 15945	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
16350 / 16054	DEF AT local marker deep water fauna	DEF AT 4
16410 / 16108	DEF AT - - - - -	DEF AT 4
17100 / 16728	DEF AT Arenaceous fauna (local marker)	DEF IN 4
17340 / 16942	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
17460 / 17049	DEF AT - - - - -	DEF AT 4
17670 / 17234	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
17730 / 17286	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
18090 / 17592	DEF AT local marker foram increase	DEF AT 5
18210 / 17694	DEF AT Arenaceous fauna (local marker)	DEF AT 4
18330 / 17796	DEF AT Arenaceous fauna (local marker)	DEF AT 4
18660 / 18081	DEF AT local marker planktic foram increase	DEF AT 4
19110 / 18476	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
19200 / 18556	DEF AT local marker deep water fauna	DEF IN 4
19320 / 18664	DEF AT local marker foram increase	DEF IN 4
19380 / 18718	DEF AT - - - - -	DEF AT 4
19650 / 18962	DEF AT local marker foram increase	DEF AT 4
19680 / 18989	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
19860 / 19153	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
19920 / 19208	DEF AT - - - - -	DEF AT 4
20490 / 19735	DEF AT - - - - -	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 01-FEB-1998	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20550 / 19791	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
20730 / 19959	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
20790 / 20016	POS AT local marker (general)	DEF AT 5
20840 / 20063	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
21030 / 20242	DEF AT - - - - -	DEF IN 4
21150 / 20355	DEF AT foram flood	DEF IN 4
21180 / 20383	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
21240 / 20440	DEF AT - - - - -	DEF AT 4
21810 / 20983	DEF AT local marker foram increase	DEF AT 4
21830 / 21002	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 26-JUN-2002	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 / 6359	DEF AT first sample examined	DEF AT 4
6540 / 6539	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
10170 / 10168	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 4
11240 / 11238	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
12390 / 12385	DEF AT - - - - -	DEF IN 4
12690 / 12681	POS AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 4
12840 / 12829	DEF AT sample gap top	DEF AT
13050 / 13034	DEF AT sample gap bottom	DEF AT
13590 / 13553	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
13920 / 13861	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13921 / 13861	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT 4
14700 / 14573	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
14729 / 14599	DEF AT reworked material	DEF AT 4
14730 / 14600	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14731 / 14601	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
14910 / 14763	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 4
15000 / 14844	POS IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
15480 / 15273	POS AT reworked material	POS AT 4
15840 / 15594	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF IN 3
17130 / 16755	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 4
17340 / 16942	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
18090 / 17592	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 248	Date of Summary: 26-JUN-2002	First Sample Examined: 6360
Lease Number: G13815	Source of Paleo: OPERATOR	Borehole MD: 21827
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21000
API Well Number: 608074017800	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 6360 - 21830	Water Depth: 1337
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18840 / 18238	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
20520 / 19763	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF IN 4
20550 / 19791	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
20609 / 19846	POS AT unconformity	DEF AT 5
20610 / 19847	POS AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 5
20611 / 19848	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
20640 / 19875	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
21180 / 20383	POS IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	POS AT 5
21840 /	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 254	Date of Summary: 30-JUN-1994	First Sample Examined: 3060
Lease Number: G13816	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 608074011900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 3060 - 13000	Water Depth: 1920
Public Info Code: Y 30-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 3060	DEF AT first sample examined	DEF AT
3990 / 3990	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6480 / 6480	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
13000 / 13000	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 24-FEB-1999	First Sample Examined: 0
Lease Number: G07461	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17800
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 17291
API Well Number: 608074081401	Drilling Operator: HESS CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1648
Public Info Code: Y 26-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12210 / 12091	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15570 / 15165	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
16191 / 15753	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
17428 / 16937	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
17800 / 17292	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 22-NOV-1991	First Sample Examined: 2470
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18322
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18310
API Well Number: 608074080800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 2470 - 18322	Water Depth: 1648
Public Info Code: Y 13-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2470 / 2470	DEF AT first sample examined	DEF AT
3820 / 3820	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5230 / 5230	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8910 / 8909	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10080 / 10079	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10890 / 10888	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11460 / 11458	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11520 / 11518	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11550 / 11548	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14250 / 14245	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15029 / 15023	DEF AT condensed section	DEF AT
15030 / 15024	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
17100 / 17092	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
18322 / 18310	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 07-JUL-1993	First Sample Examined: 2470
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18322
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18310
API Well Number: 608074080800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 2470 - 18322	Water Depth: 1648
Public Info Code: Y 13-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2470 / 2470	DEF AT first sample examined	DEF IN 4
2800 / 2800	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4240 / 4240	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7950 / 7949	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
10230 / 10229	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11550 / 11548	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14250 / 14245	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15960 / 15953	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
17130 / 17122	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
18322 / 18310	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-APR-1992	First Sample Examined: 13420
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18487
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17645
API Well Number: 608074080801	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 13420 - 18488	Water Depth: 1648
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13420 / 13416	DEF AT first sample examined	POS AT 5
13421 / 13417	DEF AT drilling material	POS AT 5
13540 / 13536	DEF AT - - - -	DEF AT 5
13600 / 13595	POS AT reworked material	DEF AT 5
14710 / 14634	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15940 / 15612	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
17987 / 17250	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
18040 / 17291	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
18488 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-APR-1992	First Sample Examined: 13420
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18487
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17645
API Well Number: 608074080801	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 13420 - 18488	Water Depth: 1648
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13420 / 13416	DEF AT first sample examined	DEF AT
13421 / 13417	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14740 / 14659	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16360 / 15945	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17050 / 16496	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18040 / 17291	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
18370 / 17552	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
18488 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 10130
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 7	Sample Range: 10130 - 14993	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10130 / 10130	DEF AT first sample examined	DEF AT 5
10280 / 10280	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
10850 / 10847	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11510 / 11505	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13370 / 13290	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13640 / 13516	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13670 / 13540	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13760 / 13611	DEF AT - - - - -	DEF AT 6
13970 / 13778	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14450 / 14155	DEF AT anhydrite	DEF AT 6
14780 / 14410	DEF AT gouge	DEF AT 6
14993 / 14575	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 12170
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 7	Sample Range: 12170 - 17279	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: First redrill report

MD / TVD	Paleo Top Description	Ecozone
12170 / 12162	DEF AT first sample examined	DEF AT 5
12171 / 12163	DEF AT poor sample interval top	DEF AT 5
13400 / 13316	DEF AT - - - - -	DEF AT 6
14210 / 13967	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14300 / 14038	DEF AT poor sample interval bottom	DEF AT 6
14600 / 14271	DEF AT anhydrite	DEF AT 6
14869 / 14478	DEF AT gouge	DEF AT 6
14870 / 14479	POS IN Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 6
17279 / 16433	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 16000
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 3 of 7	Sample Range: 16000 - 20086	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Second redrill report, 17150=anhydrite drops out, probably out of salt

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16000 / 15403	DEF AT first sample examined	DEF AT
16001 / 15403	DEF AT anhydrite	DEF AT
17080 / 16277	DEF AT - - - -	DEF AT 6
17150 / 16333	DEF AT base of salt	DEF AT 6
17830 / 16860	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
18610 / 17471	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
20086 / 18846	DEF AT last sample examined	DEF AT 6

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End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 10130
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 4 of 7	Sample Range: 10130 - 14993	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10130 / 10130	DEF AT first sample examined	DEF AT
10131 / 10131	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10940 / 10936	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11300 / 11295	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11480 / 11475	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11540 / 11534	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13340 / 13264	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13580 / 13467	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13670 / 13540	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14120 / 13896	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14210 / 13967	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14564 / 14243	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14780 / 14410	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
14810 / 14433	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
14993 / 14575	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 12170
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 5 of 7	Sample Range: 12170 - 17279	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report for first redrill, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12170 / 12162	DEF AT first sample examined	DEF AT
12171 / 12163	DEF AT out-of-place section	DEF AT
13520 / 13417	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13610 / 13491	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13760 / 13611	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13850 / 13683	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14300 / 14038	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
14570 / 14248	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14840 / 14456	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
15650 / 15123	DEF AT Lower Oligocene	DEF AT
17279 / 16433	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 16000
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 6 of 7	Sample Range: 16000 - 20086	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS:	Paleo ID: 007

Remark: Calcareous nannofossil report for second redrill, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16000 / 15403	DEF AT first sample examined	DEF AT
18000 / 16990	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
18470 / 17353	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus (increase)	DEF AT
18580 / 17446	DEF AT local marker floral increase	DEF AT
18710 / 17558	DEF AT local marker floral increase	DEF AT
20086 / 18846	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAY-1993	First Sample Examined: 10130
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20086
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18846
API Well Number: 608074080802	Drilling Operator: HESS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 7 of 7	Sample Range: 10130 - 14993	Water Depth: 1648
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS:	Paleo ID: 008

Remark: Calcareous nannofossil report for original hole, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10130 / 10130	DEF AT first sample examined	DEF AT
10131 / 10131	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10940 / 10936	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11300 / 11295	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11480 / 11475	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11540 / 11534	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13340 / 13264	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13580 / 13467	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13670 / 13540	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14120 / 13896	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14210 / 13967	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14564 / 14243	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14780 / 14410	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
14810 / 14433	POS AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
14993 / 14575	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-NOV-1993	First Sample Examined: 2630
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20446
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18526
API Well Number: 608074081200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 2630 - 15895	Water Depth: 1650
Public Info Code: Y 19-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2650 / 2650	DEF AT first sample examined	DEF AT 4
2830 / 2830	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4210 / 4210	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5650 / 5650	DEF AT - - - - -	DEF AT 4
7840 / 7840	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8890 / 8890	DEF AT - - - - -	DEF AT 5
11080 / 11063	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11710 / 11638	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14230 / 13720	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14650 / 14031	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14800 / 14139	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14890 / 14204	DEF AT - - - - -	DEF AT 6
15100 / 14359	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
15550 / 14699	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15610 / 14744	DEF AT anhydrite	DEF AT 6
15895 / 14955	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-NOV-1993	First Sample Examined: 2650
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20446
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18526
API Well Number: 608074081200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 2650 - 15895	Water Depth: 1650
Public Info Code: Y 19-DEC-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for original hole, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2650 / 2650	DEF AT first sample examined	DEF AT
3730 / 3730	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5230 / 5230	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8980 / 8980	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10180 / 10180	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10930 / 10920	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11560 / 11505	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11680 / 11612	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14290 / 13765	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14440 / 13876	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14470 / 13899	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14680 / 14052	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14860 / 14182	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
15610 / 14744	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15760 / 14855	DEF AT out-of-place section	DEF AT
15895 / 14955	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-NOV-1993	First Sample Examined: 13668
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20446
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18526
API Well Number: 608074081200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 13668 - 20440	Water Depth: 1650
Public Info Code: Y 19-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Redrill report

MD / TVD	Paleo Top Description	Ecozone
13668 / 13293	DEF AT first sample examined	DEF AT 5
14170 / 13674	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14380 / 13832	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14440 / 13876	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14560 / 13965	DEF AT - - - - -	DEF AT 6
14770 / 14118	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
15130 / 14382	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15250 / 14473	DEF AT anhydrite	DEF AT
15669 / 14788	DEF AT out-of-place section	DEF AT 6
15670 / 14789	POS AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 6
19210 / 17549	DEF AT base of salt	DEF AT 6
19260 / 17591	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
20440 / 18521	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-NOV-1993	First Sample Examined: 13668
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 20446
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18526
API Well Number: 608074081200	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 13668 - 20440	Water Depth: 1650
Public Info Code: Y 19-DEC-2003	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for redrill, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13668 / 13293	DEF AT first sample examined	DEF AT
14350 / 13810	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14440 / 13876	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14530 / 13943	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14612 / 14003	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14890 / 14204	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
15070 / 14336	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15250 / 14473	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15430 / 14609	DEF AT out-of-place section	DEF AT
20300 / 18418	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
20440 / 18521	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 23-NOV-1993	First Sample Examined: 13668
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18537
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17767
API Well Number: 608074081201	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 13668 - 20440	Water Depth: 1648
Public Info Code: Y 30-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13668 / 13294	DEF AT first sample examined	DEF AT 5
14170 / 13739	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14380 / 13933	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14440 / 13988	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14560 / 14099	DEF AT - - - - -	DEF AT 6
14770 / 14293	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
15130 / 14625	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15250 / 14735	DEF AT anhydrite	DEF AT 6
15670 / 15123	DEF AT out-of-place section	DEF AT 6
19210 /	DEF AT base of salt	DEF AT 6
19260 /	DEF AT out-of-place section	DEF AT 6
20440 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAR-1994	First Sample Examined: 13552
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18537
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17767
API Well Number: 608074081201	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 13552 - 18520	Water Depth: 1648
Public Info Code: Y 30-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13552 / 13198	DEF AT first sample examined	DEF AT
13553 / 13199	DEF AT cement	DEF AT
14220 / 13785	DEF AT - - - - -	DEF AT 5
14310 / 13868	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15540 / 15003	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
18520 / 17752	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 260	Date of Summary: 04-MAR-1994	First Sample Examined: 13552
Lease Number: G07462	Source of Paleo: OPERATOR	Borehole MD: 18537
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17767
API Well Number: 608074081201	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 13552 - 18520	Water Depth: 1648
Public Info Code: Y 30-MAR-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13552 / 13198	DEF AT first sample examined	DEF AT
13553 / 13199	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14490 / 14035	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15150 / 14643	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18520 / 17752	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 272	Date of Summary: 02-APR-2001	First Sample Examined: 1940
Lease Number: G15867	Source of Paleo: OPERATOR	Borehole MD: 8877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8818
API Well Number: 608074065600	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1940 - 8877	Water Depth: 559
Public Info Code: Y 15-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 2120=displaced Middle Miocene Bigenerina humblei fauna, 2210=displaced Middle Miocene Cristellaria I fauna, from 7940 to 8810, mixed fauna of Early Miocene to Middle Miocene age noted, foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1940 / 1940	DEF AT first sample examined	DEF AT
1941 / 1941	DEF AT cement	DEF AT
2120 / 2120	DEF AT out-of-place section	DEF AT
2121 / 2121	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
2180 / 2180	DEF AT - - - -	DEF AT 4
2210 / 2210	DEF AT out-of-place section	DEF AT 4
2211 / 2211	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
2330 / 2330	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2570 / 2570	DEF AT anhydrite	DEF AT 4
2690 / 2690	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2930 / 2930	DEF AT base of salt	DEF AT 5
8810 / 8752	DEF AT out-of-place section	DEF AT 5
8811 / 8753	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8877 / 8818	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 272	Date of Summary: 02-APR-2001	First Sample Examined: 1940
Lease Number: G15867	Source of Paleo: OPERATOR	Borehole MD: 8877
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8818
API Well Number: 608074065600	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1940 - 8877	Water Depth: 559
Public Info Code: Y 15-SEP-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, section from 3250 to 8810 not examined for nannofossils, 8810=mixed Oligocene and Miocene flora, probably representing jumbled section beneath salt, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1940 / 1940	DEF AT first sample examined	DEF AT
2360 / 2360	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2450 / 2450	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
2930 / 2930	DEF AT salt	DEF AT
8809 / 8751	DEF AT base of salt	DEF AT
8810 / 8752	DEF AT out-of-place section	DEF AT
8877 / 8818	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 272	Date of Summary: 02-APR-2001	First Sample Examined: 8779
Lease Number: G15867	Source of Paleo: OPERATOR	Borehole MD: 22047
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21924
API Well Number: 608074065601	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8779 - 21950	Water Depth: 559
Public Info Code: Y 15-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 8810=in Hyaline balthica fauna, probably out-of-place, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8779 / 8722	DEF AT first sample examined	DEF AT 5
8780 / 8723	DEF IN salt	DEF AT 5
8808 / 8751	DEF AT base of salt	DEF AT 5
8809 / 8752	DEF AT out-of-place section	DEF AT 5
8810 / 8753	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
14870 / 14761	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
20420 / 20302	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
21110 / 20991	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
21140 / 21021	DEF AT - - - - -	DEF AT 5
21950 / 21827	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 272	Date of Summary: 02-APR-2001	First Sample Examined: 8900
Lease Number: G15867	Source of Paleo: OPERATOR	Borehole MD: 22047
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21924
API Well Number: 608074065601	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8900 - 21950	Water Depth: 559
Public Info Code: Y 15-SEP-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
8900 / 8841	DEF AT first sample examined	DEF AT
8901 / 8842	DEF AT out-of-place section	DEF AT
12170 / 12073	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
13880 / 13774	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
14870 / 14761	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
17510 / 17394	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
19190 / 19073	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
20420 / 20302	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
20960 / 20841	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
21440 / 21320	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
21950 / 21827	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 02-FEB-2001	First Sample Examined: 15140
Lease Number: G17320	Source of Paleo: OPERATOR	Borehole MD: 20447
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 20342
API Well Number: 608074022502	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 15140 - 20447	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Green preservation noted at the following depths: 16880-17090, 17780-18080, 18350-18380, 19280-19310, 20090-20120

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15140 / 15137	DEF AT first sample examined	DEF AT 4
15141 / 15138	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15530 / 15523	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
15590 / 15581	DEF AT local marker planktic foram increase	DEF AT 4
15800 / 15779	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16010 / 15975	DEF AT Arenaceous fauna (local marker)	DEF AT 4
16220 / 16171	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
16490 / 16432	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
16670 / 16609	DEF AT salt	DEF AT 5
16700 / 16638	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
16791 / 16727	DEF AT faunal change (no faunal increase)	DEF AT 4
16880 / 16815	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
16970 / 16904	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
18080 / 17999	DEF AT salt	DEF AT 4
18499 / 18413	DEF AT base of salt	DEF AT 4
18500 / 18414	DEF IN Pliocene	DEF AT 4
18950 / 18857	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
19040 / 18945	DEF AT local marker foram increase	DEF AT 4
19190 / 19093	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
19250 / 19152	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
19280 / 19182	DEF AT salt	DEF AT 4
19370 / 19271	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 02-FEB-2001	First Sample Examined: 15140
Lease Number: G17320	Source of Paleo: OPERATOR	Borehole MD: 20447
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 20342
API Well Number: 608074022502	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 15140 - 20447	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19610 / 19509	POS IN Miocene	DEF AT 4
19611 / 19510	POS IN Oligocene	DEF AT 4
19640 / 19539	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 4
19670 / 19569	DEF AT base of salt	DEF AT 4
19671 / 19570	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
19700 / 19598	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
19760 / 19658	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 4
20030 / 19927	DEF AT local marker foram increase	DEF AT 4
20090 / 19986	DEF AT local marker foram increase	DEF AT 4
20179 / 20075	DEF AT limestone	DEF AT 4
20180 / 20076	DEF AT local marker foram decrease	DEF AT 4
20360 / 20255	DEF IN Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 4
20446 / 20341	DEF IN Oligocene Frio Formation/Provincial Stage	DEF AT 4
20447 / 20342	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 18-FEB-2001	First Sample Examined: 15140
Lease Number: G17320	Source of Paleo: OPERATOR	Borehole MD: 20447
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 20342
API Well Number: 608074022502	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 15140 - 20447	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Moccasin Prospect, calcareous nannofossil report, from 19800 to TD, Sphenolithus ciperoensis is dominant (NP25, Late Oligocene), with minor but consistent Discoaster quinquerramus (NN11, Late Miocene), possible Sphenolithus predistentus around 20360 (NP24) if section is in place

MD / TVD	Paleo Top Description	Ecozone
15140 / 15137	DEF AT first sample examined	DEF AT
15141 / 15138	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16500 / 16441	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
16550 / 16491	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
18530 / 18444	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
18590 / 18503	POS AT Lower Pliocene (Zanclian) Discoaster challengerii	DEF AT
18770 / 18680	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
18800 / 18709	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
19189 / 19092	POS AT out-of-place section	DEF AT
19190 / 19093	POS IN Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
19191 / 19094	POS IN Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT
19370 / 19271	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
20029 / 19926	POS AT reworked material	DEF AT
20030 / 19927	DEF AT floral flood	DEF AT
20031 / 19928	POS AT Upper Oligocene (Chattian) Ericsonia fenestrata	DEF AT
20090 / 19986	POS AT Upper Oligocene (Chattian) Sphenolithus ciperoensis	DEF AT
20360 / 20255	POS AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
20447 / 20342	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 13-DEC-2000	First Sample Examined: 11240
Lease Number: G17332	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 16208
API Well Number: 608074022500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 11240 - 16195	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Moccasin Prospect

MD / TVD	Paleo Top Description	Ecozone
11240 / 11238	DEF AT first sample examined	DEF IN 3
12110 / 12108	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12830 / 12828	DEF AT local marker foram increase	DEF AT 4
13250 / 13248	DEF AT local marker foram increase	DEF AT 4
13400 / 13398	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
14090 / 14087	DEF AT local marker foram increase	DEF AT 4
14600 / 14597	DEF AT faunal change (no faunal increase)	DEF AT 4
14690 / 14687	DEF AT local marker foram increase	DEF AT 4
15080 / 15077	DEF AT local marker foram increase	DEF AT 4
15140 / 15137	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15320 / 15317	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
15560 / 15557	DEF AT local marker foram increase	DEF AT 4
15620 / 15617	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
16070 / 16066	DEF AT local marker foram increase	DEF AT 4
16120 / 16116	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16150 / 16146	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
16190 / 16186	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 20-DEC-2000	First Sample Examined: 11240
Lease Number: G17332	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 16208
API Well Number: 608074022500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 11240 - 16195	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Moccasin Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11240 / 11238	DEF AT first sample examined	DEF AT
11330 / 11328	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
12110 / 12108	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
12560 / 12558	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13054 / 13052	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13400 / 13398	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13820 / 13818	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
15110 / 15107	POS AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
15590 / 15587	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15800 / 15797	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
16195 / 16191	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 24-JAN-2001	First Sample Examined: 15056
Lease Number: G17332	Source of Paleo: OPERATOR	Borehole MD: 16443
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 16440
API Well Number: 608074022501	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 15056 - 16443	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Moccasin Prospect

MD / TVD	Paleo Top Description	Ecozone
13139 / 13137	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
15056 / 15053	DEF AT first sample examined	DEF AT 4
15140 / 15137	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15350 / 15347	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
15530 / 15527	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
15620 / 15617	DEF AT foram flood	DEF AT 4
15830 / 15827	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16100 / 16097	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
16130 / 16127	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
16280 / 16277	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16426 / 16423	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 297	Date of Summary: 01-MAY-2001	First Sample Examined: 15056
Lease Number: G17332	Source of Paleo: OPERATOR	Borehole MD: 16443
Well Name: 001	Paleo Done By: BUGWARE, INC.	Borehole TVD: 16440
API Well Number: 608074022501	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 15056 - 16426	Water Depth: 1850
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Moccasin Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16340 / 16337	DEF AT Lower Pliocene (Zanclian) Discoaster challengeri	DEF AT
16370 / 16367	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
16400 / 16397	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 367	Date of Summary: 28-MAY-1998	First Sample Examined: 2500
Lease Number: G17351	Source of Paleo: OPERATOR	Borehole MD: 11415
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11259
API Well Number: 608074064100	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2500 - 11410	Water Depth: 1122
Public Info Code: Y 30-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF AT 4
5050 / 5050	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
10600 / 10487	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11350 / 11198	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11410 / 11255	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 367	Date of Summary: 28-MAY-1998	First Sample Examined: 2500
Lease Number: G17351	Source of Paleo: OPERATOR	Borehole MD: 11415
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11259
API Well Number: 608074064100	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2500 - 11410	Water Depth: 1122
Public Info Code: Y 30-MAR-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF AT
4450 / 4450	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6250 / 6250	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8410 / 8398	POS AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8500 / 8484	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
9460 / 9401	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10600 / 10487	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11200 / 11056	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11350 / 11198	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11410 / 11255	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 368	Date of Summary: 10-JUL-1997	First Sample Examined: 0
Lease Number: G17352	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20031
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20029
API Well Number: 608074063200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 930
Public Info Code: Y 27-JAN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3990 / 3990	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8700 / 8700	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
10050 / 10049	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
15090 / 15089	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
18300 / 18299	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
18960 / 18959	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
19830 / 19829	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 370	Date of Summary: 01-AUG-1997	First Sample Examined: 6780
Lease Number: G17354	Source of Paleo: OPERATOR	Borehole MD: 10400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 608074063600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 4050 - 10398	Water Depth: 1400
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6780 / 6779	DEF AT first sample examined	DEF AT 4
6781 / 6780	POS IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 4
7260 / 7259	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7290 / 7289	POS AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 4
7620 / 7619	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
7770 / 7769	DEF AT local marker foram increase	DEF AT 4
9030 / 9029	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
9150 / 9149	POS IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 3
10110 / 10109	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
10210 / 10209	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10398 / 10397	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 372	Date of Summary: 26-JUN-1997	First Sample Examined: 0
Lease Number: G17355	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 608074016500	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1526
Public Info Code: Y 31-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3910	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5980 / 5980	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 388	Date of Summary: 08-APR-1990	First Sample Examined: 3845
Lease Number: G07486	Source of Paleo: OPERATOR	Borehole MD: 11205
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10413
API Well Number: 608074006700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3845 - 11205	Water Depth: 2304
Public Info Code: Y 07-MAY-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Cooper Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3845 / 3845	DEF AT first sample examined	DEF AT
4380 / 4375	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
11040 / 10269	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
11205 / 10414	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 388	Date of Summary: 23-JUN-1990	First Sample Examined: 3845
Lease Number: G07486	Source of Paleo: OPERATOR	Borehole MD: 11205
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10413
API Well Number: 608074006700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3845 - 11205	Water Depth: 2304
Public Info Code: Y 07-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Cooper Prospect, company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3845 / 3845	DEF AT first sample examined	DEF AT 6
3846 / 3846	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 6
4260 / 4258	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 6
4380 / 4375	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 6
4440 / 4434	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 6
4830 / 4806	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT 6
8160 / 7738	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 6
11040 / 10269	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 6
11070 / 10295	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 6
11100 / 10321	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 6
11205 / 10414	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 388	Date of Summary: 28-FEB-1992	First Sample Examined: 5760
Lease Number: G07486	Source of Paleo: OPERATOR	Borehole MD: 10800
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10039
API Well Number: 608074009400	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 5760 - 10800	Water Depth: 2096
Public Info Code: Y 06-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
5760 / 5554	DEF AT first sample examined	DEF AT
5761 / 5555	DEF AT poor sample interval top	DEF AT
5762 / 5556	DEF AT anhydrite	DEF AT
6750 / 6373	DEF AT anhydrite	DEF AT 4
8010 / 7487	DEF AT poor sample interval bottom	DEF AT 4
8070 / 7541	DEF AT anhydrite	DEF AT 4
8460 / 7894	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
10800 / 10039	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 388	Date of Summary: 05-MAR-1992	First Sample Examined: 0
Lease Number: G07486	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10039
API Well Number: 608074009400	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 2096
Public Info Code: Y 06-MAR-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report for sidetrack 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6373	DEF AT - - - - -	DEF AT 4
6840 / 6450	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 4
8460 / 7894	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9840 / 9156	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 426	Date of Summary: 01-JAN-1992	First Sample Examined: 19989
Lease Number: G07498	Source of Paleo: OPERATOR	Borehole MD: 21174
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 19505
API Well Number: 608074008100	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 15050 - 21126	Water Depth: 2862
Public Info Code: Y 10-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15050 / 14276	DEF AT first sample examined	DEF AT
20320 / 18808	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
21096 / 19441	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
21126 / 19465	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 426	Date of Summary: 15-JUL-1999	First Sample Examined: 14100
Lease Number: G08248	Source of Paleo: OPERATOR	Borehole MD: 21750
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 21289
API Well Number: 608074008300	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 14100 - 21800	Water Depth: 2862
Public Info Code: Y 16-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
14100 / 14100	DEF AT first sample examined	DEF AT
14130 / 14130	DEF AT sample gap top	DEF AT
14170 / 14170	DEF AT sample gap bottom	DEF AT
14810 / 14809	DEF AT sample gap top	DEF AT
14840 / 14839	DEF AT sample gap bottom	DEF AT
15020 / 15018	DEF AT sample gap top	DEF AT
15049 / 15047	DEF AT sample gap bottom	DEF AT
15050 / 15048	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
15830 / 15815	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15890 / 15873	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 4
16270 / 16238	DEF AT sample gap top	DEF AT
16360 / 16323	DEF AT sample gap bottom	DEF AT
16990 / 16915	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
17420 / 17314	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
18070 / 17913	DEF AT sample gap top	DEF AT
18330 / 18151	DEF AT sample gap bottom	DEF AT
19260 / 19012	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
20531 / 20185	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
21040 / 20650	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
21240 / 20831	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
21800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 460	Date of Summary: 01-JAN-2000	First Sample Examined: 3850
Lease Number: G15900	Source of Paleo: OPERATOR	Borehole MD: 17015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14948
API Well Number: 608074020400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3850 - 17015	Water Depth: 2501
Public Info Code: Y 25-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bowshock Prospect, company-integrated foram and nanno report, local marker = proprietary nannofossil zone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 / 3850	DEF AT first sample examined	POS AT 6
3910 / 3910	DEF AT transported shelf fauna	POS AT 6
4570 / 4570	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 6
4600 / 4600	DEF AT transported shelf fauna	POS AT 6
4900 / 4900	DEF AT cement	POS AT 6
5590 / 5590	DEF AT - - - - -	DEF IN 5
5619 / 5619	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 5
5620 / 5620	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
5650 / 5650	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF IN 5
5710 / 5710	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF IN 5
5740 / 5740	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa omega	DEF IN 5
5859 / 5859	POS AT transported outer shelf facies	POS IN 5
5860 / 5860	DEF IN Middle Pleistocene (Ionian) Gephyrocapsa parallela	POS IN 5
5920 / 5920	DEF AT - - - - -	DEF IN 5
6040 / 6040	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF IN 5
6070 / 6070	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF IN 5
6130 / 6130	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
6280 / 6280	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF IN 5
6340 / 6340	DEF AT transported shelf fauna	POS IN 5
6760 / 6759	DEF AT - - - - -	DEF AT 6
6880 / 6879	DEF AT transported shelf fauna	POS AT 6
7090 / 7085	POS AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 460	Date of Summary: 01-JAN-2000	First Sample Examined: 3850
Lease Number: G15900	Source of Paleo: OPERATOR	Borehole MD: 17015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14948
API Well Number: 608074020400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3850 - 17015	Water Depth: 2501
Public Info Code: Y 25-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7458	DEF IN transported outer shelf facies	POS IN 5
7780 / 7732	DEF AT - - - - -	DEF IN 5
8410 / 8259	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF IN 5
8620 / 8423	DEF IN transported outer shelf facies	POS IN 5
8660 / 8454	DEF AT - - - - -	DEF AT 6
8800 / 8562	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 6
8860 / 8608	DEF AT - - - - -	DEF AT 5
8950 / 8677	DEF IN local marker (general)	DEF AT 5
9148 / 8828	DEF AT transported shelf fauna	POS AT 5
9190 / 8861	DEF AT - - - - -	DEF AT 6
9220 / 8884	DEF AT local marker (general)	DEF AT 6
9310 / 8954	DEF IN transported outer shelf facies	POS AT 6
9370 / 9002	DEF AT - - - - -	DEF AT 5
9490 / 9097	DEF IN transported outer shelf facies	POS AT 5
9550 / 9144	DEF AT - - - - -	DEF AT 5
9610 / 9192	DEF AT transported inner shelf facies	POS AT 5
10390 / 9807	DEF AT local marker (general)	DEF AT 5
10570 / 9948	DEF AT transported shelf fauna	POS AT 5
10630 / 9995	DEF AT - - - - -	DEF AT 5
10690 / 10042	DEF AT transported shelf fauna	POS AT 5
11020 / 10300	DEF AT - - - - -	DEF AT 5
11140 / 10395	DEF IN transported outer shelf facies	POS AT 5
11200 / 10442	DEF AT - - - - -	DEF AT 5
11470 / 10653	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5

This report contains public paleo reports only for the time period stated

UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 460	Date of Summary: 01-JAN-2000	First Sample Examined: 3850
Lease Number: G15900	Source of Paleo: OPERATOR	Borehole MD: 17015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14948
API Well Number: 608074020400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3850 - 17015	Water Depth: 2501
Public Info Code: Y 25-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11680 / 10818	DEF AT transported inner shelf facies	POS AT 5
12010 / 11080	DEF IN transported outer shelf facies	POS AT 5
12070 / 11128	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 6
12100 / 11152	DEF IN transported outer shelf facies	POS AT 6
12160 / 11199	DEF AT - - - - -	DEF AT 5
12190 / 11222	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 5
12400 / 11385	DEF AT transported inner shelf facies	POS AT 5
12820 / 11705	DEF AT - - - - -	DEF AT 6
12940 / 11797	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 6
12970 / 11820	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 6
13060 / 11889	DEF AT transported outer shelf facies	POS AT 6
13120 / 11935	DEF AT - - - - -	DEF AT 6
13360 / 12118	DEF AT local marker (general)	DEF AT 6
13380 / 12133	DEF IN transported outer shelf facies	POS AT 6
13420 / 12163	DEF AT - - - - -	DEF AT 6
13480 / 12209	DEF IN transported outer shelf facies	POS AT 6
13600 / 12301	DEF AT - - - - -	DEF AT 6
13660 / 12347	DEF IN transported outer shelf facies	POS AT 6
13840 / 12488	DEF AT - - - - -	DEF AT 6
13900 / 12535	DEF IN transported outer shelf facies	POS AT 6
14020 / 12631	DEF AT - - - - -	DEF AT 6
14080 / 12679	DEF AT - - - - -	POS IN 4
14260 / 12823	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	POS IN 4
14320 / 12871	DEF AT - - - - -	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 460	Date of Summary: 01-JAN-2000	First Sample Examined: 3850
Lease Number: G15900	Source of Paleo: OPERATOR	Borehole MD: 17015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14948
API Well Number: 608074020400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3850 - 17015	Water Depth: 2501
Public Info Code: Y 25-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
14660 / 13144	DEF IN transported outer shelf facies	DEF IN 6
15070 / 13469	DEF AT - - - - -	DEF IN 5
15280 / 13637	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF IN 5
15760 / 14005	DEF AT transported shelf fauna	POS IN 5
16330 / 14435	DEF AT - - - - -	DEF IN 5
16360 / 14458	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF IN 5
16390 / 14480	DEF AT - - - - -	DEF IN 5
16450 / 14525	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 5
16510 / 14570	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
16540 / 14593	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5
16570 / 14615	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
16630 / 14660	DEF IN Upper Miocene (Tortonian) Globorotalia linguaensis	DEF IN 5
16660 / 14682	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 5
16661 / 14683	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF IN 5
16690 / 14705	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 5
16750 / 14749	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
16930 / 14884	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF IN 5
16960 / 14907	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 5
17015 / 14948	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 537	Date of Summary: 21-FEB-1997	First Sample Examined: 3170
Lease Number: G15911	Source of Paleo: OPERATOR	Borehole MD: 9207
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 9206
API Well Number: 608074063100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3170 - 9200	Water Depth: 1840
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Raven Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3170 / 3170	DEF AT first sample examined	DEF IN 2
3499 / 3499	POS AT reworked material	DEF IN 2
3500 / 3500	DEF AT Eggerella sp. (local marker)	DEF IN 2
3680 / 3680	DEF AT - - - - -	DEF IN 3
3710 / 3710	DEF AT local marker benthic foram increase	DEF IN 3
3770 / 3770	DEF AT local marker planktic foram increase	DEF AT 4
3800 / 3800	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
3860 / 3860	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4070 / 4070	DEF AT - - - - -	DEF IN 4
4190 / 4190	DEF AT foram flood	DEF AT 5
4280 / 4280	DEF AT local marker benthic foram increase	DEF IN 4
4550 / 4550	DEF AT - - - - -	DEF AT 4
5000 / 5000	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
5060 / 5060	DEF AT - - - - -	DEF AT 5
5270 / 5270	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 4
5839 / 5839	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
5840 / 5840	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
5930 / 5930	DEF AT - - - - -	DEF IN 4
5990 / 5990	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
6020 / 6020	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
6080 / 6080	DEF AT - - - - -	DEF IN 4
6290 / 6290	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 537	Date of Summary: 21-FEB-1997	First Sample Examined: 3170
Lease Number: G15911	Source of Paleo: OPERATOR	Borehole MD: 9207
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 9206
API Well Number: 608074063100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3170 - 9200	Water Depth: 1840
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6470 / 6470	DEF AT foram flood	DEF IN 4
6680 / 6680	DEF AT - - - - -	DEF AT 4
6800 / 6800	DEF AT - - - - -	DEF IN 4
6830 / 6830	DEF AT - - - - -	DEF IN 3
7280 / 7280	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
7310 / 7310	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
7730 / 7730	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 3
7820 / 7820	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 3
7909 / 7909	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
7910 / 7910	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
8630 / 8630	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 4
8840 / 8840	DEF AT foram flood	DEF AT 5
8960 / 8960	DEF AT - - - - -	DEF IN 4
9078 / 9078	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF IN 4
9079 / 9078	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF IN 4
9080 / 9079	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
9200 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 537	Date of Summary: 21-FEB-1997	First Sample Examined: 3170
Lease Number: G15911	Source of Paleo: OPERATOR	Borehole MD: 9207
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 9206
API Well Number: 608074063100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3170 - 9200	Water Depth: 1840
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Raven Prospect, calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3170 / 3170	DEF AT first sample examined	DEF AT
3770 / 3770	DEF AT local marker floral increase	DEF AT
4010 / 4010	DEF AT reworked material	DEF AT
4370 / 4370	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4910 / 4910	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4970 / 4970	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5870 / 5870	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6140 / 6140	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6440 / 6440	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7520 / 7520	DEF AT local marker floral increase	DEF AT
7940 / 7940	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
9140 / 9139	DEF AT gouge	DEF AT
9200 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 580	Date of Summary: 22-AUG-2000	First Sample Examined: 4550
Lease Number: G15919	Source of Paleo: OPERATOR	Borehole MD: 9732
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9656
API Well Number: 608074065500	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 4550 - 9710	Water Depth: 2027
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT first sample examined	DEF AT 5
5060 / 5060	DEF AT - - - - -	DEF IN 5
5210 / 5210	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
5690 / 5689	DEF AT - - - - -	DEF AT 5
5750 / 5749	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6350 / 6349	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8030 / 7998	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9260 / 9195	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
9440 / 9371	DEF AT - - - - -	DEF AT 5
9710 / 9635	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 580	Date of Summary: 22-AUG-2000	First Sample Examined: 4550
Lease Number: G15919	Source of Paleo: OPERATOR	Borehole MD: 9732
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9656
API Well Number: 608074065500	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 4550 - 9710	Water Depth: 2027
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT first sample examined	DEF AT
4551 / 4551	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5090 / 5090	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5420 / 5419	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6500 / 6499	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7340 / 7330	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8030 / 7998	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9290 / 9224	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9710 / 9635	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 580	Date of Summary: 22-AUG-2000	First Sample Examined: 9650
Lease Number: G15919	Source of Paleo: OPERATOR	Borehole MD: 10404
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10330
API Well Number: 608074065501	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 9650 - 10404	Water Depth: 2027
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 / 9589	DEF AT first sample examined	DEF AT 5
9890 / 9825	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
9920 / 9854	DEF AT - - - - -	DEF IN 5
10130 / 10061	DEF AT - - - - -	DEF AT 5
10404 / 10330	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 580	Date of Summary: 22-AUG-2000	First Sample Examined: 9650
Lease Number: G15919	Source of Paleo: OPERATOR	Borehole MD: 10404
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10330
API Well Number: 608074065501	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 9650 - 10404	Water Depth: 2027
Public Info Code: Y 31-DEC-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 / 9589	DEF AT first sample examined	DEF AT
9890 / 9825	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10404 / 10330	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 27-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 5610=Pseudohastigerina naguewichiensis (Earliest Oligocene), 7260=Marginotruncana angusticarinata (Early Campanian), 7710=Globigerinelloides ferreolensis with Hedbergella trocoidea (Earliest Albian), 8790 to 8793=in basal Neocomian (Berriasian) to Upper Jurassic (Tithonian) - very rare coral fragments, very rare coral biosparite, very rare encrusting bryozoans - per phone conversation with Art Waterman (PaleoData Inc) on June 22, 2000, this age determination based solely on associated nannofossil evidence and macrofossil assemblage, 9000=fine-grained sandstone/siltstone, 9080-9350=lithologic change - Middle Jurassic redbeds (?), undifferentiated Callovian to Bathonian, possibly older, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT first sample examined	DEF IN 5
3901 / 3901	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
3990 / 3990	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
4200 / 4200	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
4260 / 4260	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
4350 / 4350	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 5
4380 / 4380	DEF AT - - - -	DEF AT 6
4440 / 4440	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
4470 / 4470	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
4530 / 4530	DEF AT - - - -	DEF IN 5
4560 / 4560	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
4740 / 4740	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 5
4770 / 4770	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 5
4830 / 4830	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 5
4860 / 4860	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF IN 5
4950 / 4950	DEF AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF IN 5
5040 / 5040	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 5
5100 / 5100	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 27-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 5220	DEF AT - - - - -	DEF AT 6
5430 / 5430	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 6
5490 / 5490	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 6
5610 / 5609	DEF AT local marker planktic foram increase	DEF AT 6
5669 / 5668	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 6
5670 / 5669	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 6
5850 / 5847	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 6
5910 / 5906	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 6
5970 / 5965	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 6
6060 / 6053	DEF IN Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 6
6179 / 6168	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 6
6180 / 6169	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 6
6209 / 6198	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF AT 6
6210 / 6198	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 6
6420 / 6400	POS AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 6
6479 / 6457	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 6
6480 / 6458	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 6
6600 / 6571	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 6
6660 / 6628	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 6
6736 / 6700	DEF AT - - - - -	DEF IN 5
7108 / 7049	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF IN 5
7109 / 7050	DEF AT Upper Paleocene (Selandian) Globorotalia inconstans	DEF IN 5
7110 / 7051	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF IN 5
7140 / 7079	DEF AT Lower Paleocene (Danian) Globoconusa daubjergensis	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 27-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 7107	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF IN 5
7260 / 7192	POS AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF IN 5
7290 / 7220	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF IN 5
7409 / 7332	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 4
7410 / 7333	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF IN 5
7440 / 7361	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 4
7499 / 7416	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 4
7500 / 7417	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 4
7560 / 7474	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT 4
7710 / 7615	DEF AT Lower Cretaceous (Aptian) Ticinella bejaouaensis	DEF AT 4
7830 / 7728	DEF AT - - - - -	DEF AT 3
8040 / 7928	DEF AT Lower Cretaceous (Aptian) Hedbergella sigali	DEF AT 3
8370 / 8244	DEF AT - - - - -	DEF AT 2
8790 / 8651	POS IN Lower Cretaceous Berriasian Stage	DEF AT 1
8791 / 8652	POS IN Upper Jurassic Tithonian Stage	DEF AT 1
8792 / 8653	DEF AT reefal material	DEF AT 1
8793 / 8654	DEF AT shell fragments	DEF AT 1
8998 / 8854	DEF AT sandstone	DEF AT 1
8999 / 8855	DEF AT pyrite	DEF AT 1
9000 / 8856	POS AT Jurassic Norphlet Formation	DEF AT 1
9080 / 8935	POS IN Middle Jurassic Callovian Stage	POS AT 1
9350 / 9200	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 28-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, age is provided for the following depths in the Cenozoic: 4110= 372MY, 4170= 430MY, 4200= 439MY, 4260= 554MY, 4320= 77MY, 4350= 79MY, 4410= 1100MY, 4440=1190MY, 4470= 1282MY, 4560= 1490MY, 4740= 1560MY, 4770= 1940MY, 4830= 234MY, 4890= 2390MY, 5190= 2880MY, 5490= 3230MY, 5550=3280MY, 5670= 343MY, 5730= 350MY, 5910= 371MY, 6210= 445MY, 6330= 454MY, 6450= 485MY, 6510= 506MY, 6570= 536MY, 6690= 557MY, 7193=Quadrum trifidum, 7350=Eiffellithus trabeculatus, 7710=Nannoconus truitti rectangularis, 7830=Nannoconus bucheri with Nannoconus bermudez (Late Aptian), 7860=Nannoconus wassalli (Early Aptian), 8070=last Lower Cretaceous flora noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT first sample examined	DEF AT
3901 / 3901	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4110 / 4110	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
4111 / 4111	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4170 / 4170	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
4200 / 4200	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
4260 / 4260	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
4320 / 4320	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
4321 / 4321	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
4350 / 4350	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
4409 / 4409	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
4410 / 4410	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
4440 / 4440	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (acme)	DEF AT
4470 / 4470	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
4560 / 4560	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
4740 / 4740	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
4770 / 4770	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT
4830 / 4830	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 28-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4890	DEF AT Upper Oligocene (Chattian) Sphenolithus ciproensis	DEF AT
4891 / 4891	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
5190 / 5190	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
5490 / 5490	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT
5550 / 5549	DEF AT Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT
5670 / 5669	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
5730 / 5728	DEF AT Upper Eocene (Priabonian) Cribrocentrum reticulatum	DEF AT
5910 / 5906	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
6210 / 6198	DEF AT Middle Eocene (Bartonian) Chiasmolithus gigas	DEF AT
6330 / 6314	DEF AT Middle Eocene (Lutetian) Discoaster sublodoensis	DEF AT
6450 / 6429	DEF AT Middle Eocene (Lutetian) Discoaster lodoensis	DEF AT
6510 / 6486	DEF AT Lower Eocene (Ypresian) Tribrachiatus orthostylus	DEF AT
6570 / 6543	DEF AT Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT
6690 / 6657	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
7193 / 7129	DEF AT Upper Cretaceous (Maastrichtian) Tetralithus trifidus	DEF AT
7350 / 7276	DEF AT Upper Cretaceous Santonian Stage	DEF AT
7440 / 7361	POS AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
7650 / 7558	POS AT Lower Cretaceous (Albian) Braarudosphaera africana	DEF AT
7710 / 7615	POS AT Lower Cretaceous (Aptian) Nannoconus truitti (acme)	DEF AT
7800 / 7700	DEF AT Lower Cretaceous (Aptian) Nannoconus kamptneri	DEF AT
7830 / 7728	DEF AT Lower Cretaceous (Aptian) Micrantholithus hoschulzii	DEF AT
7860 / 7756	DEF IN Lower Cretaceous (Aptian) Micrantholithus hoschulzii	DEF AT
8010 / 7899	DEF AT Lower Cretaceous (Aptian) Nannoconus steinmanni	DEF AT
8070 / 7956	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 754	Date of Summary: 28-APR-2000	First Sample Examined: 3900
Lease Number: G20796	Source of Paleo: OPERATOR	Borehole MD: 9350
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 608074065300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 3900 - 9350	Water Depth: 2521
Public Info Code: Y 03-DEC-2001	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8760 / 8621	POS IN Lower Cretaceous (Berriasian) Polycostella beckmannii	DEF AT
9350 / 9200	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 840	Date of Summary: 14-DEC-1998	First Sample Examined: 4970
Lease Number: G19191	Source of Paleo: OPERATOR	Borehole MD: 11024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11024
API Well Number: 608074064900	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4970 - 11010	Water Depth: 3500
Public Info Code: Y 19-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 10920=Upper Cretaceous keeled planktic fauna may have been reworked during a basal Paleocene transgression

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4970	DEF AT first sample examined	DEF IN 5
5240 / 5240	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
6680 / 6680	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 5
6860 / 6860	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7890 / 7890	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
8160 / 8160	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 5
8190 / 8190	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 5
8610 / 8610	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
8880 / 8880	DEF AT Upper Oligocene (Chattian) Globigerina ciproensis ciproensis	DEF IN 5
9030 / 9030	DEF AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF IN 5
9120 / 9120	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 5
9360 / 9360	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF IN 5
9510 / 9510	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 5
9570 / 9570	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 5
9750 / 9750	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 5
9930 / 9930	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 5
10080 / 10080	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
10170 / 10170	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT 5
10290 / 10290	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT 5
10350 / 10350	POS AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
10470 / 10470	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
10623 / 10623	POS AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 840	Date of Summary: 14-DEC-1998	First Sample Examined: 4970
Lease Number: G19191	Source of Paleo: OPERATOR	Borehole MD: 11024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11024
API Well Number: 608074064900	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4970 - 11010	Water Depth: 3500
Public Info Code: Y 19-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10740 / 10740	DEF IN Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
10770 / 10770	DEF IN Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT 5
10800 / 10800	DEF IN Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 5
10830 / 10830	DEF IN Lower Paleocene (Danian) Globoconusa daubjergensis	DEF AT 5
10920 / 10919	DEF AT Upper (Late) Cretaceous	DEF AT 5
10921 / 10920	DEF AT reworked material	DEF AT 5
10922 / 10921	DEF AT local marker planktic foram increase	DEF AT 5
10950 / 10949	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT 4
11010 / 11009	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 840	Date of Summary: 14-DEC-1998	First Sample Examined: 4970
Lease Number: G19191	Source of Paleo: OPERATOR	Borehole MD: 11024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11024
API Well Number: 608074064900	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4970 - 11010	Water Depth: 3500
Public Info Code: Y 19-DEC-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, 9750=Micrantholithus inaequalis (NP16 zone), 10980=Arkhangelskiella cymbiformis with Prediscosphaera cretacea and Micula stauripora

MD / TVD	Paleo Top Description	Ecozone
4970 / 4970	DEF AT first sample examined	DEF AT
5150 / 5150	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5420 / 5420	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6590 / 6590	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6680 / 6680	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6770 / 6770	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7490 / 7490	POS AT Upper Pliocene (Piacenzian) Cycloperfolithus carlae	DEF AT
7590 / 7590	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7620 / 7620	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7830 / 7830	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
7920 / 7920	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
7980 / 7980	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
8010 / 8010	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
8100 / 8100	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
8130 / 8130	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
8160 / 8160	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
8190 / 8190	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT
8820 / 8820	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT
9060 / 9060	DEF IN Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT
9120 / 9120	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
9180 / 9180	DEF AT Lower Oligocene (Rupelian) Discoaster nodifer	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GB 840	Date of Summary: 14-DEC-1998	First Sample Examined: 4970
Lease Number: G19191	Source of Paleo: OPERATOR	Borehole MD: 11024
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11024
API Well Number: 608074064900	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4970 - 11010	Water Depth: 3500
Public Info Code: Y 19-DEC-2002	Ecozone Eq MMS:	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
9240 / 9240	DEF AT Lower Oligocene (Rupelian) Helicosphaera compacta	DEF AT
9420 / 9420	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT
9480 / 9480	DEF AT Lower Oligocene (Rupelian) Ericsonia formosa	DEF AT
9540 / 9540	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
9750 / 9750	DEF AT Middle Eocene	DEF AT
9930 / 9930	DEF AT Middle Eocene (Bartonian) Chiasmolithus solitus	DEF AT
10230 / 10230	DEF AT Middle Eocene (Lutetian) Discoaster Iodoensis	DEF AT
10350 / 10350	POS AT Lower Eocene (Ypresian) Tribrachiatus orthostylus	DEF AT
10470 / 10470	DEF AT Lower Eocene (Ypresian) Discoaster multiradiatus	DEF AT
10530 / 10530	DEF AT Upper Paleocene (Thanetian) Fasciculithus tympaniformis	DEF AT
10650 / 10650	DEF AT Upper (Late) Paleocene	DEF AT
10980 / 10979	DEF AT Upper Cretaceous (Maastrichtian) Micula decussata	DEF AT
11010 / 11009	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 5	Date of Summary: 06-FEB-1999	First Sample Examined: 1542
Lease Number: G16674	Source of Paleo: OPERATOR	Borehole MD: 3900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3722
API Well Number: 608114024000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1542 - 3900	Water Depth: 422
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Fourth order maximum flooding surface at 2110 and 3490, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1542 / 1542	DEF AT first sample examined	DEF IN 2
1543 / 1543	DEF IN Illinoian fauna (local marker)	DEF IN 2
1570 / 1570	DEF AT local marker foram increase	DEF AT 4
1660 / 1660	DEF AT faunal change (no faunal increase)	DEF IN 3
1690 / 1690	DEF AT sand	DEF IN 3
1691 / 1691	DEF AT pyrite	DEF IN 3
1780 / 1780	DEF AT shell fragments	DEF IN 3
1870 / 1870	DEF AT sand	DEF AT 3
1930 / 1930	DEF AT - - - - -	DEF IN 2
1960 / 1960	DEF AT - - - - -	DEF AT 3
2110 / 2110	DEF AT maximum flooding surface	DEF AT 3
2260 / 2260	DEF AT shell fragments	DEF AT 3
2290 / 2290	DEF AT shell fragments	DEF AT 2
2380 / 2380	DEF AT pyrite	DEF AT 2
2470 / 2470	DEF AT local marker foram increase	DEF AT 2
2530 / 2530	DEF AT sand	DEF AT 2
3160 / 3146	DEF AT local marker foram increase	DEF AT 2
3370 / 3334	DEF AT local marker foram increase	DEF AT 2
3460 / 3410	DEF AT - - - - -	DEF IN 2
3490 / 3435	DEF AT maximum flooding surface	DEF AT 3
3550 / 3484	DEF AT - - - - -	DEF IN 2
3610 / 3530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 5	Date of Summary: 06-FEB-1999	First Sample Examined: 1542
Lease Number: G16674	Source of Paleo: OPERATOR	Borehole MD: 3900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3722
API Well Number: 608114024000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1542 - 3900	Water Depth: 422
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 6	Date of Summary: 02-AUG-1990	First Sample Examined: 0
Lease Number: G06987	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13230
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11412
API Well Number: 608114016101	Drilling Operator: TEXACO INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 622
Public Info Code: Y 20-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8516 / 6975	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
13180 / 11362	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 6	Date of Summary: 27-AUG-1997	First Sample Examined: 0
Lease Number: G07989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11295
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8394
API Well Number: 608114018400	Drilling Operator: TEXACO INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 622
Public Info Code: Y 27-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8230 / 6266	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 18	Date of Summary: 19-AUG-1996	First Sample Examined: 0
Lease Number: G04940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12191
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10761
API Well Number: 608114008001	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 760
Public Info Code: Y 24-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8058 / 7834	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10293 / 9412	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
10795 / 9760	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 18	Date of Summary: 30-NOV-1995	First Sample Examined: 0
Lease Number: G04940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17632
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 14564
API Well Number: 608114015700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 760
Public Info Code: Y 20-SEP-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7298 / 7255	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10368 / 9460	DEF IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
13890 / 11895	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
13965 / 11947	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
14085 / 12029	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
15570 / 13089	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 18	Date of Summary: 10-MAY-1991	First Sample Examined: 0
Lease Number: G04940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12821
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 12323
API Well Number: 608114017900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 760
Public Info Code: Y 17-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10430 / 9192	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
13110 / 11617	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13610 / 12115	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 18	Date of Summary: 15-APR-1991	First Sample Examined: 0
Lease Number: G04940	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14787
Well Name: A022	Paleo Done By: OPERATOR	Borehole TVD: 12805
API Well Number: 608114003502	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 155
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 760
Public Info Code: Y 22-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14240 / 12245	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 37	Date of Summary: 03-APR-1997	First Sample Examined: 3300
Lease Number: G16678	Source of Paleo: OPERATOR	Borehole MD: 14430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14022
API Well Number: 608115011800	Drilling Operator: BRITISH-BORNEO PETROLEUM INC	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 3300 - 6730	Water Depth: 2019
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3300	DEF AT first sample examined	DEF AT
6330 / 6329	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6730 / 6720	DEF AT last sample examined	DEF IN

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 37	Date of Summary: 03-APR-1997	First Sample Examined: 6730
Lease Number: G16678	Source of Paleo: OPERATOR	Borehole MD: 14430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14022
API Well Number: 608115011800	Drilling Operator: Name not found in table	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 6730 - 14430	Water Depth: 2019
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for bypass

MD / TVD	Paleo Top Description	Ecozone
6730 / 6720	DEF AT first sample examined	DEF AT
9070 / 9060	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9610 / 9599	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9640 / 9629	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
10090 / 10079	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN
11080 / 11060	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN
11170 / 11149	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN
11230 / 11208	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF IN
11290 / 11267	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF IN
11440 / 11412	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN
11500 / 11469	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF IN
11650 / 11612	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN
12550 / 12423	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN
12700 / 12556	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF IN
13000 / 12816	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13090 / 12892	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
13810 / 13517	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14140 / 13796	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14430 / 14022	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 37	Date of Summary: 08-APR-1997	First Sample Examined: 3300
Lease Number: G16678	Source of Paleo: OPERATOR	Borehole MD: 14430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14022
API Well Number: 608115011800	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 3300 - 6730	Water Depth: 2019
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3300	DEF AT first sample examined	DEF AT 4
5880 / 5879	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6420 / 6419	DEF AT - - - - -	DEF IN 5
6730 / 6720	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 37	Date of Summary: 14-AUG-1997	First Sample Examined: 6730
Lease Number: G16678	Source of Paleo: OPERATOR	Borehole MD: 14430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14022
API Well Number: 608115011800	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 6730 - 14430	Water Depth: 2019
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 005

Remark: Bypass report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6730 / 6720	DEF AT first sample examined	DEF IN 5
9610 / 9599	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
11110 / 11090	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
11350 / 11325	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
11470 / 11440	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
12730 / 12583	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
12940 / 12765	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
14140 / 13796	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14430 / 14022	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 38	Date of Summary: 25-JAN-1999	First Sample Examined: 3500
Lease Number: G16679	Source of Paleo: OPERATOR	Borehole MD: 14512
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 608115013000	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3500 - 14510	Water Depth: 2068
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 5
6350 / 6347	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
7220 / 7217	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
8600 / 8597	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
9890 / 9879	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9920 / 9909	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
10070 / 10053	DEF AT - - - - -	DEF AT 5
11030 / 10884	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
12560 / 11918	DEF AT - - - - -	DEF AT 6
12740 / 12050	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
14510 / 13499	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 38	Date of Summary: 25-JAN-1999	First Sample Examined: 3500
Lease Number: G16679	Source of Paleo: OPERATOR	Borehole MD: 14512
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 608115013000	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3500 - 14510	Water Depth: 2068
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: N	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT
5870 / 5867	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7850 / 7847	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8570 / 8567	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8960 / 8957	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9470 / 9466	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9860 / 9850	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9920 / 9909	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10130 / 10110	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10310 / 10279	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10880 / 10769	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
12680 / 12005	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13160 / 12386	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14030 / 13101	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14510 / 13499	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 52	Date of Summary: 21-MAR-1990	First Sample Examined: 2830
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 4680
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3014
API Well Number: 608114012900	Drilling Operator: CONOCO INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2830 - 4680	Water Depth: 610
Public Info Code: Y 25-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2830 / 2492	DEF AT first sample examined	DEF AT 1
3490 / 3044	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehisceus (acme)	DEF AT 1
4680 / 3795	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 52	Date of Summary: 20-MAR-1990	First Sample Examined: 2700
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 5603
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4067
API Well Number: 608114013000	Drilling Operator: CONOCO INC	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 2700 - 5600	Water Depth: 610
Public Info Code: Y 08-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 / 2182	DEF AT first sample examined	DEF AT 2
3840 / 2959	DEF AT - - - - -	DEF AT 1
3900 / 2994	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4590 / 3416	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5580 / 4031	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 52	Date of Summary: 17-SEP-1990	First Sample Examined: 0
Lease Number: G05885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5603
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 4067
API Well Number: 608114013000	Drilling Operator: CONOCO INC	Rkb Elevation: 120
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 610
Public Info Code: Y 08-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 3416	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4770 / 3524	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 52	Date of Summary: 25-APR-1990	First Sample Examined: 3500
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 7447
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4650
API Well Number: 608114013200	Drilling Operator: CONOCO INC	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 3500 - 7420	Water Depth: 610
Public Info Code: Y 20-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 2500	DEF AT first sample examined	DEF AT
3501 / 2500	DEF AT cement	DEF AT
3740 / 2628	DEF AT - - - - -	DEF AT 1
5540 / 3591	DEF AT - - - - -	DEF AT 2
5750 / 3704	DEF AT cement	POS AT 2
5840 / 3752	DEF AT - - - - -	DEF AT 2
6760 / 4256	DEF AT - - - - -	DEF AT 1
7030 / 4398	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
7420 / 4630	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 52	Date of Summary: 20-SEP-1990	First Sample Examined: 0
Lease Number: G05885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7447
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4650
API Well Number: 608114013200	Drilling Operator: CONOCO INC	Rkb Elevation: 120
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 610
Public Info Code: Y 20-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 3946	POS AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 53	Date of Summary: 31-OCT-1990	First Sample Examined: 1350
Lease Number: G05885	Source of Paleo: OPERATOR	Borehole MD: 4784
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4784
API Well Number: 608114017200	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1350 - 4784	Water Depth: 600
Public Info Code: Y 23-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 / 1350	DEF AT first sample examined	POS AT 3
1351 / 1351	DEF AT cement	POS AT 3
1410 / 1410	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1650 / 1650	DEF AT - - - - -	DEF AT 1
1950 / 1950	POS AT reworked material	DEF AT 1
2010 / 2010	POS AT reworked material	DEF AT 1
2340 / 2340	DEF AT - - - - -	DEF AT 2
2400 / 2400	POS AT reworked material	DEF AT 2
2700 / 2700	DEF AT - - - - -	DEF AT 3
3120 / 3120	DEF AT - - - - -	DEF AT 1
3510 / 3510	DEF AT cement	POS AT 1
3570 / 3570	DEF AT - - - - -	DEF AT 2
3600 / 3600	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4020 / 4020	DEF AT - - - - -	DEF AT 3
4784 / 4784	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 60	Date of Summary: 11-JUL-1996	First Sample Examined: 0
Lease Number: G14021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6529
API Well Number: 608114019800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 870
Public Info Code: Y 29-NOV-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 5809	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 60	Date of Summary: 06-JUN-1994	First Sample Examined: 0
Lease Number: G14021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6820
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6086
API Well Number: 608114020101	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 868
Public Info Code: Y 09-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 / 3590	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6270 / 5617	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 65	Date of Summary: 30-JUN-1994	First Sample Examined: 11490
Lease Number: G05889	Source of Paleo: OPERATOR	Borehole MD: 14644
Well Name: A060	Paleo Done By: OPERATOR	Borehole TVD: 12585
API Well Number: 608114015300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 11490 - 14640	Water Depth: 1353
Public Info Code: Y 31-MAR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11490 / 10155	DEF AT first sample examined	DEF AT
13720 / 11868	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14560 / 12522	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
14640 / 12585	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 68	Date of Summary: 13-MAY-1984	First Sample Examined: 6750
Lease Number: G25115	Source of Paleo: OPERATOR	Borehole MD: 11050
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11050
API Well Number: 608114041500	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6750 - 11050	Water Depth: 1517
Public Info Code: Y 18-JUN-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6750	DEF AT first sample examined	DEF AT
7310 / 7310	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
9120 / 9120	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
9180 / 9180	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
9630 / 9630	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10170 / 10170	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10800 / 10800	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11050 / 11050	DEF AT last sample examined	DEF AT

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 68	Date of Summary: 13-MAY-2004	First Sample Examined: 6750
Lease Number: G25115	Source of Paleo: OPERATOR	Borehole MD: 11050
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11050
API Well Number: 608114041500	Drilling Operator: W & T OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6750 - 11050	Water Depth: 1517
Public Info Code: Y 18-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6750	DEF AT first sample examined	DEF AT 4
7230 / 7230	DEF AT faunal change (no faunal increase)	DEF AT 5
7340 / 7340	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
8910 / 8910	DEF AT faunal change (no faunal increase)	DEF AT 4
9120 / 9120	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
9630 / 9630	DEF AT faunal change (no faunal increase)	DEF AT 5
9660 / 9660	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10170 / 10170	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10770 / 10770	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10800 / 10800	DEF AT faunal change (no faunal increase)	DEF AT 4
11050 / 11050	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 69	Date of Summary: 15-JUL-1999	First Sample Examined: 6080
Lease Number: G13159	Source of Paleo: OPERATOR	Borehole MD: 11715
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11583
API Well Number: 608115012500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2750 - 11715	Water Depth: 1420
Public Info Code: Y 31-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6080 / 6079	DEF AT first sample examined	DEF AT
6081 / 6080	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6186 / 6185	DEF AT drilling material	DEF AT
8506 / 8430	DEF AT drilling material	DEF AT
8870 / 8778	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8871 / 8779	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
9320 / 9209	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9560 / 9441	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9590 / 9470	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10040 / 9910	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10760 / 10629	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10790 / 10659	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
10820 / 10689	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10850 / 10719	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11300 / 11169	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
11330 / 11199	DEF IN Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
11715 / 11584	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 69	Date of Summary: 01-JAN-2000	First Sample Examined: 10700
Lease Number: G13159	Source of Paleo: OPERATOR	Borehole MD: 11626
Well Name: 003	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10327
API Well Number: 608115013302	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 10700 - 11600	Water Depth: 1420
Public Info Code: Y 31-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 9546	DEF AT first sample examined	DEF AT
11050 / 9842	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11300 / 10050	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11330 / 10075	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11480 / 10200	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11570 / 10277	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11600 / 10302	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 69	Date of Summary: 03-JAN-2000	First Sample Examined: 10700
Lease Number: G13159	Source of Paleo: OPERATOR	Borehole MD: 11626
Well Name: 003	Paleo Done By: THOMAS REILLY	Borehole TVD: 10327
API Well Number: 608115013302	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 10700 - 11600	Water Depth: 1420
Public Info Code: Y 31-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 9546	DEF AT first sample examined	DEF AT 4
10760 / 9599	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10790 / 9625	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
11270 / 10025	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11360 / 10100	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11390 / 10125	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11570 / 10277	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 06-MAR-1996	First Sample Examined: 3230
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 12337
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12331
API Well Number: 608115009200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 3230 - 6950	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3230	DEF AT first sample examined	DEF AT
5600 / 5600	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6950 / 6948	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 06-MAR-1996	First Sample Examined: 3230
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 12337
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12331
API Well Number: 608115009200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 3230 - 6950	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3230	DEF AT first sample examined	DEF AT 5
3231 / 3231	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6140 / 6138	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6950 / 6948	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 06-MAR-1996	First Sample Examined: 5540
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 12337
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12331
API Well Number: 608115009200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 5540 - 12336	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Redrill report

MD / TVD	Paleo Top Description	Ecozone
5540 / 5540	DEF AT first sample examined	DEF AT
5541 / 5541	DEF AT cement	DEF AT
5690 / 5689	DEF AT - - - -	DEF AT 5
6440 / 6438	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9710 / 9708	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9740 / 9738	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10880 / 10877	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11480 / 11477	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12336 / 12330	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 06-MAR-1996	First Sample Examined: 5540
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 12337
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12331
API Well Number: 608115009200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 5540 - 12336	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for redrill

MD / TVD	Paleo Top Description	Ecozone
5540 / 5540	DEF AT first sample examined	DEF AT
5541 / 5541	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7670 / 7668	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8420 / 8418	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8480 / 8478	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8720 / 8718	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9320 / 9318	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9620 / 9618	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
9650 / 9648	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9680 / 9678	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9710 / 9708	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10010 / 10008	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10190 / 10188	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11540 / 11536	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12336 / 12330	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 17-MAY-1996	First Sample Examined: 6700
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 13293
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12429
API Well Number: 608115009201	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 6700 - 13180	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6700 / 6698	DEF AT first sample examined	DEF IN 5
7510 / 7491	DEF AT - - - - -	DEF IN 5
7660 / 7631	DEF AT local marker foram increase	DEF IN 5
7960 / 7897	DEF AT local marker foram decrease	DEF IN 5
8530 / 8356	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
8890 / 8620	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
9070 / 8750	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
10270 / 9614	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10360 / 9684	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10600 / 9878	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
11230 / 10433	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
11440 / 10629	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
11739 / 10913	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
11740 / 10914	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
12160 / 11310	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
12280 / 11428	DEF AT Bathysiphon fauna	DEF IN 5
12340 / 11487	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
13180 / 12317	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 82	Date of Summary: 17-MAY-1996	First Sample Examined: 6700
Lease Number: G14022	Source of Paleo: OPERATOR	Borehole MD: 13293
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12429
API Well Number: 608115009201	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 6700 - 13180	Water Depth: 2359
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
6700 / 6698	DEF AT first sample examined	DEF AT
7660 / 7631	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8470 / 8310	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8560 / 8378	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8920 / 8642	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9790 / 9265	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10180 / 9547	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10240 / 9591	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10270 / 9614	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
10300 / 9637	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10330 / 9660	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10600 / 9878	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12250 / 11398	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13180 / 12317	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 90	Date of Summary: 02-AUG-2000	First Sample Examined: 3800
Lease Number: G15541	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7545
API Well Number: 608114028100	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 3800 - 8000	Water Depth: 656
Public Info Code: Y 30-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3800 / 3800	DEF AT first sample examined	DEF AT 4
4160 / 4160	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4250 / 4250	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4580 / 4580	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4790 / 4790	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
4880 / 4880	DEF AT - - - - -	DEF AT 5
5600 / 5591	DEF AT - - - - -	DEF IN 5
5630 / 5620	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
5990 / 5962	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
6290 / 6233	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
6650 / 6534	DEF AT - - - - -	DEF AT 6
6740 / 6608	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7130 / 6919	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
7640 / 7331	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
8000 / 7634	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 90	Date of Summary: 02-AUG-2000	First Sample Examined: 3800
Lease Number: G15541	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7545
API Well Number: 608114028100	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 3800 - 8000	Water Depth: 656
Public Info Code: Y 30-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3800 / 3800	DEF AT first sample examined	DEF AT
4220 / 4220	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
4250 / 4250	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4490 / 4490	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4790 / 4790	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4940 / 4939	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5420 / 5415	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
5630 / 5620	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6050 / 6018	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6230 / 6180	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6290 / 6233	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
6380 / 6310	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
6620 / 6510	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
6770 / 6632	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
7070 / 6872	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
7640 / 7331	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 134	Date of Summary: 26-JUL-2001	First Sample Examined: 2850
Lease Number: G16693	Source of Paleo: OPERATOR	Borehole MD: 18914
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17900
API Well Number: 608114029700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2850 - 18914	Water Depth: 765
Public Info Code: Y 15-AUG-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 / 2850	DEF AT first sample examined	DEF AT
3330 / 3330	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3600 / 3600	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5160 / 5160	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
5190 / 5190	DEF AT reworked material	DEF AT
5610 / 5610	DEF AT reworked material	DEF AT
5730 / 5730	DEF AT reworked material	DEF AT
5850 / 5850	DEF AT reworked material	DEF AT
5970 / 5970	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6150 / 6150	POS AT reworked material	DEF AT
6930 / 6929	POS AT reworked material	DEF AT
7680 / 7673	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7800 / 7790	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8850 / 8773	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10500 / 10244	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10890 / 10588	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11520 / 11147	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
11760 / 11364	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11880 / 11473	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13890 / 13308	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14640 / 13996	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14880 / 14217	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 134	Date of Summary: 26-JUL-2001	First Sample Examined: 2850
Lease Number: G16693	Source of Paleo: OPERATOR	Borehole MD: 18914
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17900
API Well Number: 608114029700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2850 - 18914	Water Depth: 765
Public Info Code: Y 15-AUG-2001	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15600 / 14873	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16290 / 15494	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
16530 / 15711	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
18000 / 17057	POS AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
18914 / 17900	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 134	Date of Summary: 26-JUL-2001	First Sample Examined: 2850
Lease Number: G16693	Source of Paleo: OPERATOR	Borehole MD: 18914
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17900
API Well Number: 608114029700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2850 - 18914	Water Depth: 765
Public Info Code: Y 15-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2850 / 2850	DEF AT first sample examined	DEF AT 4
3360 / 3360	DEF AT - - - - -	DEF AT 5
3570 / 3570	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4920 / 4920	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5187 / 5187	POS AT salt weld	DEF AT 6
5188 / 5188	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
5189 / 5189	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
5190 / 5190	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5580 / 5580	DEF AT - - - - -	DEF IN 5
5610 / 5610	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
5820 / 5820	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 5
5940 / 5940	DEF AT - - - - -	DEF AT 5
6000 / 6000	DEF AT - - - - -	DEF AT 4
6300 / 6300	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7590 / 7584	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8520 / 8473	DEF AT - - - - -	DEF AT 4
8820 / 8746	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9450 / 9311	DEF AT - - - - -	DEF AT 5
10500 / 10244	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
10680 / 10403	DEF AT - - - - -	DEF AT 5
11760 / 11364	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13150 / 12627	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 134	Date of Summary: 26-JUL-2001	First Sample Examined: 2850
Lease Number: G16693	Source of Paleo: OPERATOR	Borehole MD: 18914
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17900
API Well Number: 608114029700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2850 - 18914	Water Depth: 765
Public Info Code: Y 15-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
13920 / 13336	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15570 / 14846	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15600 / 14873	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17520 / 16619	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
17880 / 16948	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
18914 / 17900	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 160	Date of Summary: 18-JUN-1990	First Sample Examined: 3410
Lease Number: G07996	Source of Paleo: OPERATOR	Borehole MD: 14780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14286
API Well Number: 608115007400	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 3410 - 13340	Water Depth: 2500
Public Info Code: Y 12-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3410	DEF AT first sample examined	DEF AT 4
3411 / 3411	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4220 / 4220	DEF AT local marker foram increase	DEF AT 3
4550 / 4550	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4910 / 4909	DEF AT local marker foram increase	DEF AT 3
6410 / 6258	DEF AT local marker foram increase	DEF AT 4
9890 / 9418	DEF AT local marker foram increase	DEF AT 4
11990 / 11509	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
13339 / 12853	DEF AT local marker foram increase	DEF IN 4
13340 / 12854	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 160	Date of Summary: 18-JUN-1990	First Sample Examined: 3600
Lease Number: G07996	Source of Paleo: OPERATOR	Borehole MD: 14780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14286
API Well Number: 608115007400	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 3600 - 14780	Water Depth: 2500
Public Info Code: Y 12-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF AT
4170 / 4170	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4290 / 4290	DEF AT - - - - -	DEF AT 3
4500 / 4500	DEF AT cement	POS AT 3
4770 / 4770	POS AT - - - - -	DEF AT 3
5820 / 5754	DEF AT local marker foram increase	DEF AT 4
5880 / 5807	DEF AT local marker floral increase	DEF AT 4
6300 / 6165	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6360 / 6216	DEF AT local marker floral increase	DEF AT 4
6480 / 6318	DEF AT - - - - -	DEF AT 3
6810 / 6601	DEF AT local marker foram increase	DEF AT 4
7274 / 7006	DEF AT cement	DEF AT
7350 / 7072	DEF AT - - - - -	DEF AT 4
8070 / 7709	DEF AT local marker foram increase	DEF AT 4
11010 / 10531	DEF AT local marker floral increase	DEF AT 4
11115 / 10636	DEF AT cement	POS AT 4
12900 / 12416	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
13350 / 12864	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13380 / 12894	DEF AT - - - - -	DEF AT 5
13410 / 12924	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
13890 / 13401	DEF AT - - - - -	DEF AT 4
14100 / 13610	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 160	Date of Summary: 18-JUN-1990	First Sample Examined: 3600
Lease Number: G07996	Source of Paleo: OPERATOR	Borehole MD: 14780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14286
API Well Number: 608115007400	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 3600 - 14780	Water Depth: 2500
Public Info Code: Y 12-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14280 / 13789	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
14339 / 13847	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
14340 / 13848	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14400 / 13908	DEF AT - - - - -	DEF AT 4
14520 / 14028	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
14780 / 14286	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 161	Date of Summary: 29-AUG-1991	First Sample Examined: 4530
Lease Number: G05909	Source of Paleo: OPERATOR	Borehole MD: 15355
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14009
API Well Number: 608115007600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4530 - 15355	Water Depth: 2575
Public Info Code: Y 24-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF AT
4531 / 4531	DEF AT cement	DEF AT
6180 / 6180	DEF AT - - - - -	DEF AT 4
6420 / 6420	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6690 / 6690	DEF AT - - - - -	DEF AT 5
11280 / 11077	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
15355 / 14004	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 161	Date of Summary: 15-APR-1991	First Sample Examined: 11580
Lease Number: G05909	Source of Paleo: OPERATOR	Borehole MD: 14201
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13541
API Well Number: 608115007601	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 11580 - 14177	Water Depth: 2575
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11580 / 11283	DEF AT first sample examined	DEF AT 4
11581 / 11284	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12000 / 11608	DEF AT - - - - -	DEF AT 5
12660 / 12173	DEF AT - - - - -	DEF AT 4
13560 / 12973	DEF AT - - - - -	DEF AT 5
14010 / 13374	DEF AT - - - - -	DEF AT 4
14177 / 13524	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 161	Date of Summary: 28-MAY-1991	First Sample Examined: 9210
Lease Number: G05909	Source of Paleo: OPERATOR	Borehole MD: 13650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13299
API Well Number: 608115007602	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9210 - 13650	Water Depth: 2575
Public Info Code: Y 19-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 9210	DEF AT first sample examined	DEF AT
9211 / 9211	DEF AT poor sample interval top	DEF AT
10289 / 10261	DEF AT poor sample interval bottom	DEF AT
10290 / 10262	DEF AT - - - - -	DEF AT 2
10700 / 10632	DEF AT - - - - -	DEF AT 4
10830 / 10747	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11370 / 11230	DEF AT - - - - -	DEF AT 2
11580 / 11421	DEF AT - - - - -	DEF AT 5
13650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 161	Date of Summary: 15-JUN-1991	First Sample Examined: 9720
Lease Number: G05909	Source of Paleo: OPERATOR	Borehole MD: 17845
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16465
API Well Number: 608115007603	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9720 - 17845	Water Depth: 2575
Public Info Code: Y 28-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9720 / 9717	DEF AT first sample examined	DEF AT
9721 / 9718	DEF AT poor sample interval top	DEF AT
10289 / 10267	DEF AT poor sample interval bottom	DEF AT
10290 / 10268	DEF AT - - - - -	DEF AT 2
10710 / 10644	DEF AT - - - - -	DEF AT 4
10770 / 10695	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
11400 / 11186	DEF AT - - - - -	DEF AT 3
11790 / 11486	DEF AT - - - - -	DEF AT 5
14640 / 13794	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14760 / 13891	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
16710 / 15478	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
17760 / 16386	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
17845 / 16454	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 162	Date of Summary: 31-AUG-1999	First Sample Examined: 4784
Lease Number: G18337	Source of Paleo: OPERATOR	Borehole MD: 15900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15896
API Well Number: 608114025000	Drilling Operator: MAXUS US EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 4784 - 15900	Water Depth: 2634
Public Info Code: Y 18-DEC-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4784 / 4784	DEF AT first sample examined	DEF AT
7500 / 7500	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
10680 / 10680	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
12540 / 12539	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13590 / 13588	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13860 / 13858	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14670 / 14666	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14850 / 14846	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14880 / 14876	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15900 / 15896	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 162	Date of Summary: 02-SEP-1999	First Sample Examined: 4784
Lease Number: G18337	Source of Paleo: OPERATOR	Borehole MD: 15900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15896
API Well Number: 608114025000	Drilling Operator: MAXUS US EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 4784 - 15900	Water Depth: 2634
Public Info Code: Y 18-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4784 / 4784	DEF AT first sample examined	POS AT 4
4785 / 4785	DEF AT cement	POS AT 4
4890 / 4890	DEF AT - - - -	DEF AT 4
6130 / 6130	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
6810 / 6810	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7350 / 7350	DEF AT local marker deep water fauna	DEF IN 5
8820 / 8820	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 5
8910 / 8910	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
13590 / 13588	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
13830 / 13828	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
14250 / 14247	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
14340 / 14337	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
14730 / 14726	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
14760 / 14756	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 5
14820 / 14816	DEF AT foram flood	DEF IN 5
14877 / 14873	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
14878 / 14874	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14879 / 14875	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
14880 / 14876	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
14910 / 14906	DEF AT pyrite	DEF IN 5
15660 / 15656	DEF AT anhydrite	DEF IN 5
15900 / 15896	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 165	Date of Summary: 17-JUL-2001	First Sample Examined: 5174
Lease Number: G15555	Source of Paleo: OPERATOR	Borehole MD: 7527
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7526
API Well Number: 608114027800	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5174 - 7527	Water Depth: 2705
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5174 / 5173	DEF AT first sample examined	POS AT 4
5980 / 5979	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
6820 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	POS AT 4
6850 /	DEF AT - - - - -	DEF IN 4
7527 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 165	Date of Summary: 29-DEC-2000	First Sample Examined: 5440
Lease Number: G15555	Source of Paleo: OPERATOR	Borehole MD: 17565
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17357
API Well Number: 608114028700	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5440 - 17550	Water Depth: 2780
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5440	DEF AT first sample examined	DEF AT
6550 / 6550	DEF AT - - - - -	DEF AT 5
6910 / 6910	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	POS AT 5
7620 / 7620	DEF AT - - - - -	DEF AT 5
7650 / 7650	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 5
8280 / 8280	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
9630 / 9630	DEF AT local marker foram increase	DEF AT 5
11729 / 11728	DEF AT pyrite	DEF AT 5
11730 / 11729	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
12090 / 12089	DEF AT local marker foram increase	DEF AT 5
12660 / 12658	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	POS AT 5
12990 / 12988	DEF AT - - - - -	DEF AT 5
13110 / 13108	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
13530 / 13528	DEF AT local marker planktic foram increase	DEF AT 5
14039 / 14036	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF IN 5
14040 / 14037	DEF AT local marker planktic foram increase	DEF IN 5
14069 / 14066	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF IN 5
14070 / 14067	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
14190 / 14187	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
14430 / 14427	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
14520 / 14517	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
14580 / 14576	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 165	Date of Summary: 29-DEC-2000	First Sample Examined: 5440
Lease Number: G15555	Source of Paleo: OPERATOR	Borehole MD: 17565
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17357
API Well Number: 608114028700	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5440 - 17550	Water Depth: 2780
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15090 / 15082	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
15120 / 15111	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15360 / 15343	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5
17550 / 17344	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 165	Date of Summary: 24-JAN-2001	First Sample Examined: 14390
Lease Number: G15555	Source of Paleo: OPERATOR	Borehole MD: 21810
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 21068
API Well Number: 608114028703	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 14390 - 21740	Water Depth: 2780
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 21230=Discoaster berggrenii increase

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17600 / 17323	DEF AT first sample examined	DEF AT 5
17660 / 17375	POS IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
18319 / 17958	DEF AT Bathysiphon fauna	DEF AT 5
18320 / 17959	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
20179 / 19601	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
20180 / 19602	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
21230 / 20542	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
21500 / 20785	DEF AT Eggerella 3 (local marker)	DEF AT 5
21740 / 21003	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 165	Date of Summary: 01-APR-2001	First Sample Examined: 19760
Lease Number: G15555	Source of Paleo: OPERATOR	Borehole MD: 27356
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 25893
API Well Number: 608114028704	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 19670 - 27356	Water Depth: 2780
Public Info Code: Y 27-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20000 / 19444	DEF AT first sample examined	DEF AT 5
21050 / 20370	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
21380 / 20658	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 5
22660 / 21788	DEF AT - - - - -	DEF IN 5
22780 / 21894	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 5
23610 / 22617	DEF AT - - - - -	DEF AT 0
23820 / 22800	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
23880 / 22852	DEF AT local marker foram increase	DEF AT 5
24620 / 23484	DEF AT reworked material	DEF AT 5
24780 / 23620	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
25220 / 23996	DEF AT reworked material	DEF AT 5
27019 / 25587	DEF AT local marker foram increase	DEF IN 5
27020 / 25588	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 5
27080 / 25642	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 5
27356 / 25894	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 08-JAN-1999	First Sample Examined: 2300
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 7716
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 7626
API Well Number: 608114023600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 2300 - 7716	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Katmai Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	DEF AT
2301 / 2301	DEF IN Upper Pleistocene	DEF AT
2960 / 2960	DEF AT local marker floral increase	DEF AT
6360 / 6324	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7716 / 7626	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 24-MAY-1999	First Sample Examined: 2300
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 7716
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 7626
API Well Number: 608114023600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 2300 - 7716	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Katmai Prospect, 3650=local Ammonia-Elphidium zone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2300 / 2300	DEF AT first sample examined	DEF IN 4
2301 / 2301	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
2360 / 2360	DEF AT - - - -	DEF AT 4
2390 / 2390	DEF AT local marker foram increase	DEF AT 4
2391 / 2391	DEF AT pyrite	DEF AT 4
2450 / 2450	DEF AT sand	DEF AT 4
2780 / 2780	DEF AT local marker foram increase	DEF AT 4
2810 / 2810	DEF AT local marker foram increase	DEF AT 4
2960 / 2960	DEF AT local marker foram increase	DEF AT 4
3050 / 3050	DEF AT local marker foram increase	DEF AT 4
3140 / 3140	DEF AT local marker foram increase	DEF AT 4
3170 / 3170	DEF AT local marker planktic foram increase	DEF AT 4
3260 / 3260	DEF AT drilling material	DEF AT 4
3530 / 3529	DEF AT - - - -	DEF IN 3
3650 / 3649	DEF AT local marker (general)	DEF IN 3
3720 / 3719	DEF AT gray shale	DEF IN 3
3750 / 3749	DEF AT local marker (general)	DEF AT 4
3810 / 3809	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
3840 / 3839	DEF AT local marker foram increase	DEF IN 4
3870 / 3869	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
3900 / 3899	DEF AT local marker foram increase	DEF IN 4
3960 / 3959	DEF AT sand	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 24-MAY-1999	First Sample Examined: 2300
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 7716
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 7626
API Well Number: 608114023600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 2300 - 7716	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 / 4079	DEF AT local marker (general)	DEF AT 4
4170 / 4169	POS AT local marker foram increase	DEF AT 4
4410 / 4408	DEF AT sand	DEF IN 3
5040 / 5036	DEF AT local marker foram increase	DEF AT 3
5070 / 5066	DEF AT pyrite	DEF AT 3
5100 / 5096	DEF AT - - - - -	DEF IN 3
5190 / 5185	DEF AT sand	DEF AT 3
5580 / 5571	DEF AT local marker (general)	DEF AT 3
5640 / 5630	DEF AT - - - - -	DEF IN 3
5670 / 5659	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5880 / 5863	DEF AT - - - - -	DEF AT 3
5940 / 5921	DEF AT - - - - -	DEF IN 3
5970 / 5950	DEF AT - - - - -	DEF AT 3
6150 / 6123	DEF AT sand	DEF AT 3
6330 / 6295	DEF AT condensed section	DEF IN 3
6331 / 6296	DEF AT local marker foram increase	DEF IN 3
6360 / 6324	DEF AT local marker (general)	DEF IN 3
6420 / 6382	DEF AT sand	DEF AT 3
6810 / 6757	DEF AT drilling material	DEF AT 3
6930 / 6872	DEF AT sand	DEF AT 3
7050 / 6987	DEF AT sand	DEF AT 3
7530 / 7448	POS AT local marker foram increase	DEF AT 3
7716 / 7626	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 08-JAN-1999	First Sample Examined: 6791
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 8879
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8742
API Well Number: 608114023601	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 6791 - 8879	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Katmai Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6791 / 6739	DEF AT first sample examined	DEF AT
7800 / 7710	DEF AT local marker floral increase	DEF AT
7860 / 7768	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa T.R.	DEF AT
7920 / 7825	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8400 / 8284	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8879 / 8742	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 24-MAY-1999	First Sample Examined: 6791
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 8879
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8742
API Well Number: 608114023601	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 6791 - 8879	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Katmai Prospect

MD / TVD	Paleo Top Description	Ecozone
6791 / 6739	DEF AT - - - - -	DEF AT 3
6810 / 6757	DEF AT drilling material	DEF AT 3
6930 / 6873	DEF AT sand	DEF AT 3
7050 / 6989	DEF AT sand	DEF AT 3
7530 / 7451	POS AT local marker foram increase	DEF AT 3
7800 / 7710	DEF AT local marker foram increase	DEF AT 4
7830 / 7739	DEF AT - - - - -	DEF IN 3
7860 / 7768	DEF AT local marker foram increase	DEF AT 4
7950 / 7854	DEF AT sand	DEF AT 4
8010 / 7912	DEF AT - - - - -	DEF AT 3
8490 / 8370	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 3
8580 / 8456	DEF AT pyrite	DEF IN 3
8610 / 8484	DEF AT - - - - -	DEF AT 3
8700 / 8570	DEF AT drilling material	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 08-JAN-1999	First Sample Examined: 8310
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 12200
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11913
API Well Number: 608114023602	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8310 - 12200	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Katmai Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 8198	DEF AT first sample examined	DEF AT
8400 / 8284	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
10800 / 10587	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
11100 / 10874	DEF AT local marker floral increase	DEF AT
12060 / 11782	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12180 / 11894	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 179	Date of Summary: 24-MAY-1999	First Sample Examined: 8310
Lease Number: G16703	Source of Paleo: OPERATOR	Borehole MD: 12200
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 11913
API Well Number: 608114023602	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8310 - 12200	Water Depth: 1287
Public Info Code: Y 29-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Katmai Prospect, 10500=first observed Glomospira sp

MD / TVD	Paleo Top Description	Ecozone
8310 / 8198	DEF AT first sample examined	DEF AT 3
8490 / 8371	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8580 / 8458	DEF AT pyrite	DEF IN 3
8610 / 8486	DEF AT - - - - -	DEF AT 3
8700 / 8573	DEF AT drilling material	DEF AT 3
9000 / 8861	DEF AT sand	DEF AT 3
9390 / 9236	DEF AT - - - - -	DEF IN 2
9450 / 9293	DEF AT - - - - -	DEF AT 3
10170 / 9983	POS AT local marker foram increase	DEF AT 3
10500 / 10299	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 3
10620 / 10414	DEF AT local marker foram increase	DEF AT 3
10770 / 10558	DEF AT local marker (general)	DEF AT 4
10830 / 10615	DEF AT local marker foram increase	DEF IN 3
10950 / 10730	DEF AT local marker foram increase	DEF IN 3
11040 / 10816	DEF AT local marker foram increase	DEF IN 3
11070 / 10845	DEF AT local marker foram increase	DEF IN 3
11280 / 11046	DEF AT - - - - -	DEF AT 3
12030 / 11754	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
12120 / 11838	DEF AT Arenaceous fauna (local marker)	DEF IN 3
12200 / 11912	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 200	Date of Summary: 22-JUN-1994	First Sample Examined: 8160
Lease Number: G11043	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15736
API Well Number: 608114019700	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 4	Sample Range: 8160 - 11190	Water Depth: 2761
Public Info Code: Y 29-JUN-2004	Ecozone Eq MMS:	Paleo ID: 004

Remark: Troika Prospect, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 8160	DEF AT first sample examined	DEF AT
10350 / 10350	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
11190 / 11188	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 200	Date of Summary: 22-JUN-1994	First Sample Examined: 10400
Lease Number: G11043	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15736
API Well Number: 608114019700	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 2 of 4	Sample Range: 10400 - 16212	Water Depth: 2761
Public Info Code: Y 29-JUN-2004	Ecozone Eq MMS:	Paleo ID: 005

Remark: Troika Prospect, calcareous nannofossil report for bypass, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 / 10400	DEF AT first sample examined	DEF AT
10520 / 10519	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
12290 / 12271	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
13130 / 13074	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13670 / 13583	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
14000 / 13891	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
15800 / 15387	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
15830 / 15413	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
15920 / 15489	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
16010 / 15565	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
16212 / 15736	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 200	Date of Summary: 24-JUN-1994	First Sample Examined: 8160
Lease Number: G11043	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15736
API Well Number: 608114019700	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 3 of 4	Sample Range: 8160 - 11200	Water Depth: 2761
Public Info Code: Y 29-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Troika Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 8160	DEF AT first sample examined	DEF AT 5
8670 / 8670	DEF AT - - - - -	DEF AT 4
11200 / 11198	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 200	Date of Summary: 24-JUN-1994	First Sample Examined: 10400
Lease Number: G11043	Source of Paleo: OPERATOR	Borehole MD: 16212
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15736
API Well Number: 608114019700	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 4 of 4	Sample Range: 10400 - 16212	Water Depth: 2761
Public Info Code: Y 29-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Troika Prospect, bypass report, poor foram sample quality

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 / 10400	DEF AT first sample examined	DEF AT 4
14720 / 14509	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
15830 / 15413	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
15920 / 15489	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
16212 / 15736	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 205	Date of Summary: 28-OCT-1991	First Sample Examined: 4580
Lease Number: G05911	Source of Paleo: OPERATOR	Borehole MD: 14853
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13684
API Well Number: 608115007800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4580 - 14853	Water Depth: 2700
Public Info Code: Y 22-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Genesis Prospect

MD / TVD	Paleo Top Description	Ecozone
4580 / 4580	DEF AT first sample examined	POS AT 4
4581 / 4581	DEF AT cement	POS AT 4
4760 / 4760	DEF AT - - - - -	DEF AT 4
6380 / 6380	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7670 / 7670	DEF AT - - - - -	DEF AT 5
9890 / 9884	DEF AT - - - - -	DEF IN 5
10040 / 10029	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
13700 / 12870	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
13880 / 13001	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
14853 / 13685	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 205	Date of Summary: 28-OCT-1991	First Sample Examined: 9200
Lease Number: G05911	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12862
API Well Number: 608115007801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 9200 - 13550	Water Depth: 2643
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Genesis Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 9200	DEF AT first sample examined	POS IN 5
9201 / 9201	DEF AT cement	POS IN 5
9860 / 9851	DEF AT - - - - -	DEF IN 5
10160 / 10146	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
12500 / 12208	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
12590 / 12281	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
13550 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 205	Date of Summary: 04-MAY-1995	First Sample Examined: 4860
Lease Number: G05911	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12862
API Well Number: 608115007801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 4860 - 12660	Water Depth: 2643
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Genesis Prospect, company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4860 / 4860	DEF AT first sample examined	POS AT 1
5210 / 5210	DEF AT -----	DEF AT 1
6140 / 6140	DEF AT -----	DEF AT 2
6650 / 6650	DEF AT -----	DEF AT 4
6680 / 6680	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
7770 / 7770	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8010 / 8010	DEF AT -----	DEF AT 3
9780 / 9772	DEF AT -----	DEF AT 2
10440 / 10422	DEF AT -----	DEF AT 4
10620 / 10596	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10980 / 10935	DEF AT -----	DEF AT 2
11430 / 11331	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
11700 / 11561	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 4
11730 / 11586	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
11970 / 11784	DEF AT -----	POS AT 2
12180 / 11949	DEF AT -----	DEF AT 3
12480 / 12192	DEF AT -----	DEF AT 2
12660 / 12339	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 254	Date of Summary: 23-JAN-1992	First Sample Examined: 4875
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 16225
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15558
API Well Number: 608115008000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4875 - 16225	Water Depth: 3226
Public Info Code: Y 15-DEC-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Allegheny I Prospect

MD / TVD	Paleo Top Description	Ecozone
4875 / 4874	DEF AT first sample examined	DEF AT
4876 / 4875	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
7560 / 7559	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
9540 / 9457	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
10140 / 9982	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
12990 / 12510	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13079 / 12592	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
13080 / 12593	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14370 / 13792	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
14691 / 14093	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
14692 / 14094	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
16225 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 254	Date of Summary: 23-JAN-1992	First Sample Examined: 4875
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 16225
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15558
API Well Number: 608115008000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 4875 - 16225	Water Depth: 3226
Public Info Code: Y 15-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Allegheny I Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4875 / 4874	DEF AT first sample examined	DEF AT
5910 / 5909	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
8220 / 8218	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
10650 / 10428	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
11640 / 11299	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12360 / 11940	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12990 / 12510	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13110 / 12620	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13620 / 13091	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14040 / 13483	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14870 / 14260	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
15870 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus armatus	DEF AT
16225 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 254	Date of Summary: 12-JUL-1994	First Sample Examined: 8515
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 14982
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14585
API Well Number: 608115008301	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 8514 - 14982	Water Depth: 3225
Public Info Code: Y 22-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8514 / 8514	DEF AT first sample examined	POS AT 5
8515 / 8515	DEF AT cement	POS AT 5
8560 / 8560	DEF AT - - - - -	DEF AT 5
10360 / 10263	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
12550 / 12320	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12820 / 12574	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12940 / 12688	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14380 / 14034	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14982 / 14585	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 254	Date of Summary: 12-JUL-1994	First Sample Examined: 8514
Lease Number: G07049	Source of Paleo: OPERATOR	Borehole MD: 14982
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14585
API Well Number: 608115008301	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 8514 - 14982	Water Depth: 3225
Public Info Code: Y 22-JUL-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8514 / 8514	DEF AT first sample examined	DEF AT
8515 / 8515	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9610 / 9573	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
11229 / 11084	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
11230 / 11085	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12250 / 12039	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12430 / 12207	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
12790 / 12546	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
12819 / 12573	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12820 / 12574	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12910 / 12659	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13420 / 13137	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13510 / 13221	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14982 / 14585	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 341	Date of Summary: 22-JUL-1998	First Sample Examined: 7200
Lease Number: G13171	Source of Paleo: OPERATOR	Borehole MD: 23084
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 22384
API Well Number: 608115012900	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 7200 - 23070	Water Depth: 3394
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: N	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
7200 / 7198	DEF AT first sample examined	DEF AT
7920 / 7918	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
11130 / 11128	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
11699 / 11697	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
11700 / 11698	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
12210 / 12208	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12660 / 12658	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13410 / 13408	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13860 / 13858	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
14550 / 14548	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
14580 / 14578	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14610 / 14608	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
15180 / 15178	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15690 / 15685	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
16080 / 16068	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
16800 / 16753	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
19320 / 19019	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
19800 / 19447	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
20310 / 19902	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
22020 / 21422	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
23070 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 341	Date of Summary: 27-JUL-1998	First Sample Examined: 6450
Lease Number: G13171	Source of Paleo: OPERATOR	Borehole MD: 23084
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 22384
API Well Number: 608115012900	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 6450 - 23070	Water Depth: 3394
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6450 / 6449	DEF AT first sample examined	DEF AT 5
7590 / 7588	DEF AT faunal change (no faunal increase)	DEF AT 4
8070 / 8068	DEF AT faunal change (no faunal increase)	DEF AT 5
8790 / 8788	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
9210 / 9208	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
14580 / 14578	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14610 / 14608	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
16050 / 16039	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
17280 / 17192	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
17370 / 17274	DEF AT faunal change (no faunal increase)	POS AT 6
21960 / 21367	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
23070 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 341	Date of Summary: 14-OCT-1998	First Sample Examined: 19667
Lease Number: G13171	Source of Paleo: OPERATOR	Borehole MD: 24309
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 23478
API Well Number: 608115012901	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 19667 - 24330	Water Depth: 3420
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19667 / 19327	DEF AT first sample examined	DEF AT 6
19668 / 19328	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
22020 / 21395	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
24330 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 341	Date of Summary: 14-OCT-1998	First Sample Examined: 19667
Lease Number: G13171	Source of Paleo: OPERATOR	Borehole MD: 24309
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 23478
API Well Number: 608115012901	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 19667 - 24330	Water Depth: 3420
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, at 23970 a well-developed condensed section was noted with an isolated occurrence of Discoaster B, subsequent samples within the same condensed section, which actually may be a floral occurrence on top of a basin floor fan within the transgressive system tract, yielded no additional specimens of Discoaster B, its occurrence here is considered reworked for lack of continuity in subsequent samples, if Discoaster B is in place, then 23970=basal Pliocene/approaching Robulus E

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19667 / 19327	DEF AT first sample examined	DEF AT
20310 / 19883	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
22020 / 21395	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
23970 / 23169	POS AT condensed section	DEF AT
24330 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 415	Date of Summary: 17-DEC-1999	First Sample Examined: 6110
Lease Number: G09931	Source of Paleo: OPERATOR	Borehole MD: 23867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23734
API Well Number: 608114025800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6110 - 23867	Water Depth: 2802
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, 10340=top of salt 1, 13688=base of salt 1, 18040=salt 2, 19700=base of salt 2, 15860=discontinuity in biostrat data? - in Amaurolithus amplificus, sections between salts #1 and below salt #2 are complex and may represent steeply-dipping, thrust (repeated), and/or partially overturned? Sequences

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 / 6110	DEF AT first sample examined	DEF AT
6111 / 6111	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6710 / 6710	DEF AT - - - - -	DEF AT 3
6830 / 6830	DEF AT - - - - -	DEF IN 4
8840 / 8840	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
9410 / 9410	DEF AT - - - - -	DEF AT 4
9590 / 9589	DEF AT - - - - -	DEF AT 3
9650 / 9649	DEF AT - - - - -	DEF AT 4
9710 / 9709	DEF AT - - - - -	DEF AT 3
9800 / 9799	DEF AT - - - - -	DEF IN 4
9860 / 9859	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
9890 / 9889	DEF AT - - - - -	DEF IN 4
9950 / 9949	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 4
10040 / 10039	DEF AT - - - - -	DEF AT 4
10070 / 10069	DEF AT - - - - -	DEF IN 4
10100 / 10099	DEF AT - - - - -	DEF AT 4
10190 / 10189	DEF AT - - - - -	DEF AT 3
10200 / 10199	DEF AT - - - - -	DEF AT 4
10220 / 10219	DEF AT - - - - -	DEF AT 3
10230 / 10229	DEF AT - - - - -	DEF IN 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 415	Date of Summary: 17-DEC-1999	First Sample Examined: 6110
Lease Number: G09931	Source of Paleo: OPERATOR	Borehole MD: 23867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23734
API Well Number: 608114025800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6110 - 23867	Water Depth: 2802
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 / 10269	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 4
10280 / 10279	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
10281 / 10280	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
10282 / 10281	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF IN 4
10310 / 10309	DEF AT gouge	DEF AT 3
10340 / 10339	DEF AT salt	DEF AT
13670 / 13633	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
13688 / 13651	DEF AT base of salt	DEF AT
13700 / 13662	DEF AT -----	DEF IN 4
13760 / 13721	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 4
13880 / 13838	DEF AT -----	DEF AT 4
13940 / 13896	DEF AT -----	DEF IN 4
14000 / 13955	DEF AT -----	DEF AT 4
14120 / 14072	DEF AT -----	DEF IN 4
14180 / 14131	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF IN 4
14360 / 14307	DEF AT -----	DEF AT 4
14420 / 14365	DEF AT -----	DEF AT 3
14540 / 14483	DEF AT -----	DEF IN 4
14592 / 14534	DEF AT -----	DEF AT 3
14660 / 14600	DEF AT -----	DEF IN 4
14930 / 14866	DEF AT -----	DEF AT 3
14995 / 14930	DEF AT -----	DEF AT 4
15170 / 15103	DEF AT -----	DEF AT 3
15230 / 15162	DEF AT -----	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 415	Date of Summary: 17-DEC-1999	First Sample Examined: 6110
Lease Number: G09931	Source of Paleo: OPERATOR	Borehole MD: 23867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23734
API Well Number: 608114025800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6110 - 23867	Water Depth: 2802
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15470 / 15399	DEF AT -----	DEF AT 3
15830 / 15755	DEF AT -----	DEF AT 4
15860 / 15785	DEF IN Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT 4
15890 / 15815	DEF AT -----	DEF IN 4
16700 / 16618	DEF AT -----	DEF AT 4
16760 / 16677	DEF AT -----	DEF IN 4
16820 / 16737	DEF AT -----	DEF AT 4
16880 / 16797	DEF AT -----	DEF IN 4
16940 / 16856	DEF AT -----	DEF AT 3
16970 / 16886	DEF AT -----	DEF IN 4
17030 / 16946	DEF AT -----	DEF AT 4
17120 / 17035	DEF AT -----	DEF IN 4
17240 / 17154	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF IN 4
18240 / 18148	DEF AT salt	DEF IN 4
19700 / 19602	DEF AT base of salt	DEF IN 4
19790 / 19691	POS IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF IN 4
20330 / 20229	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 4
20780 / 20677	DEF AT -----	DEF AT 4
20840 / 20737	DEF AT -----	DEF AT 3
20900 / 20797	DEF AT -----	DEF AT 4
20960 / 20857	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
21170 / 21066	DEF AT -----	DEF AT 4
21560 / 21455	DEF AT -----	DEF AT 3
21620 / 21515	DEF AT cement	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 415	Date of Summary: 17-DEC-1999	First Sample Examined: 6110
Lease Number: G09931	Source of Paleo: OPERATOR	Borehole MD: 23867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23734
API Well Number: 608114025800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6110 - 23867	Water Depth: 2802
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
21710 / 21605	DEF AT -----	DEF AT 4
22940 / 22821	DEF AT -----	DEF IN 4
23120 / 22999	DEF AT -----	DEF AT 4
23210 / 23087	DEF AT -----	DEF IN 4
23240 / 23117	DEF AT -----	DEF AT 4
23270 / 23146	DEF AT -----	DEF IN 4
23480 / 23353	DEF AT -----	DEF AT 4
23660 / 23530	DEF AT -----	DEF IN 4
23867 / 23734	DEF AT last sample examined	DEF IN 4

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MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 27-APR-1998	First Sample Examined: 6480
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25626
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21874
API Well Number: 608114022600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6480 - 25560	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6480 / 6477	DEF AT first sample examined	DEF AT
7620 / 7613	DEF AT local marker floral increase	DEF AT
8040 / 8032	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
12030 / 11594	DEF AT local marker floral increase	DEF AT
14700 / 13526	DEF AT reworked material	DEF AT
17040 / 15229	DEF AT local marker floral increase	DEF AT
17160 / 15316	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
17220 / 15359	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
17520 / 15578	DEF AT local marker floral increase	DEF AT
18900 / 16574	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
20220 / 17502	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
20460 / 17669	DEF AT local marker floral increase	DEF AT
20760 / 17877	DEF AT local marker floral increase	DEF AT
21720 / 18544	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
23730 / 20227	DEF AT local marker floral increase	DEF AT
24780 / 21140	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
25170 / 21478	DEF AT floral flood	DEF AT
25410 / 21686	DEF AT local marker floral increase	DEF AT
25500 / 21764	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
25560 / 21817	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 01-AUG-1998	First Sample Examined: 6480
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25626
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21874
API Well Number: 608114022600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6480 - 25590	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6477	DEF AT first sample examined	DEF AT 4
6481 / 6478	DEF IN Illinoian fauna (local marker)	DEF AT 4
6630 / 6626	DEF AT reworked material	DEF AT 4
6720 / 6715	DEF AT faunal change (no faunal increase)	DEF AT 3
6750 / 6745	DEF AT faunal change (no faunal increase)	DEF AT 4
7080 / 7074	DEF AT faunal change (no faunal increase)	DEF AT 3
7720 / 7713	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
8010 / 8002	DEF AT faunal change (no faunal increase)	DEF AT 4
8100 / 8092	DEF AT faunal change (no faunal increase)	DEF AT 3
8130 / 8122	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
8190 / 8182	DEF AT local marker foram increase	DEF AT 3
9000 / 8992	DEF AT local marker foram increase	DEF AT 3
10740 / 10620	DEF AT local marker foram increase	DEF AT 3
11970 / 11551	DEF AT local marker foram increase	DEF AT 4
12240 / 11745	DEF AT faunal change (no faunal increase)	DEF AT 3
13740 / 12834	DEF AT local marker foram increase	DEF AT 3
15060 / 13785	DEF AT oxidized shale	DEF AT 3
15120 / 13828	DEF AT gray shale	DEF AT 3
15900 / 14399	DEF AT local marker foram increase	DEF AT 3
16170 / 14597	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
17130 / 15294	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
17520 / 15578	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 01-AUG-1998	First Sample Examined: 6480
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25626
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21874
API Well Number: 608114022600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6480 - 25590	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
17670 / 15687	DEF AT faunal change (no faunal increase)	DEF AT 3
17970 / 15905	DEF AT reworked material	DEF AT 3
19020 / 16660	DEF AT local marker foram increase	DEF AT 3
19110 / 16724	DEF AT local marker foram increase	DEF AT 3
19380 / 16915	DEF AT local marker benthic foram increase	DEF AT 3
20160 / 17461	DEF AT local marker foram increase	DEF AT 3
20220 / 17502	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
20310 / 17565	DEF AT local marker planktic foram increase	DEF AT 4
20340 / 17586	DEF AT faunal change (no faunal increase)	DEF AT 3
20460 / 17669	DEF AT local marker planktic foram increase	DEF AT 4
20580 / 17752	DEF AT faunal change (no faunal increase)	DEF AT 3
20670 / 17815	DEF AT local marker planktic foram increase	DEF AT 4
20700 / 17835	DEF AT faunal change (no faunal increase)	DEF AT 3
20760 / 17877	DEF AT faunal change (no faunal increase)	DEF AT 4
20850 / 17939	DEF AT faunal change (no faunal increase)	DEF AT 3
21660 / 18501	DEF AT gray shale	DEF AT 3
21690 / 18523	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
21720 / 18544	POS AT foram flood	DEF AT 4
22230 / 18928	DEF AT local marker benthic foram increase	DEF AT 3
22440 / 19105	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
23700 / 20200	DEF AT Arenaceous fauna (local marker)	DEF IN 4
23880 / 20357	DEF AT faunal change (no faunal increase)	DEF AT 3
23970 / 20435	DEF AT faunal change (no faunal increase)	DEF AT 3
24750 / 21114	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 01-AUG-1998	First Sample Examined: 6480
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25626
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 21874
API Well Number: 608114022600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6480 - 25590	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
24780 / 21140	DEF AT faunal change (no faunal increase)	DEF AT 4
25140 / 21452	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 4
25560 / 21817	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 18-JUL-1998	First Sample Examined: 25050
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25962
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22156
API Well Number: 608114022601	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 25050 - 25950	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
25050 / 21374	DEF AT first sample examined	DEF AT
25170 / 21478	DEF AT floral flood	DEF AT
25530 / 21787	DEF AT local marker floral increase	DEF AT
25619 / 21863	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
25620 / 21863	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
25650 / 21889	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
25740 / 21966	DEF AT floral flood	DEF AT
25950 / 22145	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 01-AUG-1998	First Sample Examined: 25590
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 25962
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 22156
API Well Number: 608114022601	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 25590 - 25920	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
25590 / 21838	DEF AT first sample examined	DEF IN 4
25620 / 21863	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 4
25710 / 21940	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
25740 / 21966	DEF AT foram flood	DEF AT 5
25920 / 22120	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 01-AUG-1998	First Sample Examined: 25950
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 27582
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23521
API Well Number: 608114022602	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 25950 - 27582	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 26700=top of first salt by e-log - no domal gouge, 26850=gypsum and tan shale influx, 27060=back in normal section, basal P-fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
25950 / 22128	DEF AT first sample examined	DEF AT 4
26190 / 22331	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
26400 / 22510	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
26550 / 22638	DEF AT local marker foram increase	DEF IN 3
26610 / 22689	DEF AT local marker planktic foram increase	DEF AT 4
26640 / 22715	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
26670 / 22741	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
26700 / 22766	DEF AT salt	DEF AT 4
26790 / 22843	DEF AT faunal change (no faunal increase)	DEF AT 3
26849 / 22893	DEF AT oxidized shale	DEF AT 3
26850 / 22894	DEF AT gypsum	DEF AT 3
26970 / 22996	DEF AT reworked material	DEF AT 3
27060 / 23073	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
27210 / 23202	DEF AT faunal change (no faunal increase)	DEF AT 4
27330 / 23305	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
27420 / 23382	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 5
27449 / 23407	DEF AT gypsum	DEF AT 5
27450 / 23408	DEF AT salt	DEF AT 5
27582 / 23521	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 460	Date of Summary: 11-AUG-1998	First Sample Examined: 26000
Lease Number: G09932	Source of Paleo: OPERATOR	Borehole MD: 27582
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23521
API Well Number: 608114022602	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 26000 - 27582	Water Depth: 4019
Public Info Code: Y 25-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
26000 / 22170	DEF AT first sample examined	DEF AT
26130 / 22280	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
26220 / 22356	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
26670 / 22741	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
26710 / 22775	DEF IN salt	DEF AT
26970 / 22996	DEF AT out-of-place section	DEF AT
27000 / 23022	DEF AT out-of-place section	DEF AT
27581 / 23520	DEF AT floral flood	DEF AT
27582 / 23521	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 473	Date of Summary: 17-DEC-1991	First Sample Examined: 6004
Lease Number: G05922	Source of Paleo: OPERATOR	Borehole MD: 14368
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14359
API Well Number: 608115008100	Drilling Operator: CONOCO INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 6004 - 14320	Water Depth: 3855
Public Info Code: Y 28-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
6004 / 6000	DEF AT first sample examined	DEF AT
6450 / 6444	DEF AT local marker benthic foram increase	DEF AT
8100 / 8092	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
10650 / 10642	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
12000 / 11992	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12360 / 12352	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
12790 / 12782	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
13360 / 13352	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
14200 / 14192	DEF AT salt	DEF AT
14320 / 14312	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 1001	Date of Summary: 12-MAR-2002	First Sample Examined: 11273
Lease Number: G21823	Source of Paleo: OPERATOR	Borehole MD: 16126
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15291
API Well Number: 608114029500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 11273 - 16090	Water Depth: 7729
Public Info Code: Y 21-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11273 / 11273	DEF AT first sample examined	DEF AT 5
13150 / 12965	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
13210 / 13012	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
14890 / 14323	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
15040 / 14440	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
15490 / 14791	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
16090 / 15265	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 1001	Date of Summary: 12-MAR-2002	First Sample Examined: 11273
Lease Number: G21823	Source of Paleo: OPERATOR	Borehole MD: 16126
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15291
API Well Number: 608114029500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 11273 - 16090	Water Depth: 7729
Public Info Code: Y 21-MAY-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity charts available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11273 / 11273	DEF AT first sample examined	DEF AT
13120 / 12942	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
13750 / 13431	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
14890 / 14323	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
15430 / 14745	POS IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
15460 / 14768	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16090 / 15265	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 1001	Date of Summary: 12-MAR-2002	First Sample Examined: 15498
Lease Number: G21823	Source of Paleo: OPERATOR	Borehole MD: 19430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17500
API Well Number: 608114029502	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 15498 - 19430	Water Depth: 7729
Public Info Code: Y 21-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
15498 / 14797	DEF AT first sample examined	DEF IN 4
16010 / 15195	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
16600 / 15665	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
16750 / 15784	POS IN Middle Miocene (Langhian) Globigerinoides sicani	DEF IN 4
17350 / 16239	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 4
17950 / 16598	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 4
18070 / 16666	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF IN 4
18190 / 16736	DEF AT - - - - -	DEF IN 4
18220 / 16754	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF IN 4
18460 / 16896	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 4
18700 / 17041	POS AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF IN 4
18850 / 17133	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF IN 4
18910 / 17170	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF IN 4
18940 / 17188	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF IN 4
19430 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GC 1001	Date of Summary: 12-MAR-2002	First Sample Examined: 15498
Lease Number: G21823	Source of Paleo: OPERATOR	Borehole MD: 19430
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17500
API Well Number: 608114029502	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 15498 - 19430	Water Depth: 7729
Public Info Code: Y 21-MAY-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
15498 / 14797	DEF AT first sample examined	DEF AT
16010 / 15195	DEF AT out-of-place section	DEF AT
16040 / 15219	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
16070 / 15243	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
16270 / 15402	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
16510 / 15593	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
16690 / 15737	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
17320 / 16218	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT
17920 / 16581	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT
18070 / 16666	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT
18160 / 16718	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
18220 / 16754	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT
18520 / 16932	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT
18610 / 16987	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
18790 / 17096	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT
18820 / 17115	DEF AT Lower Oligocene (Rupelian) Discoaster nodifer	DEF AT
18850 / 17133	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
18940 / 17188	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
19090 / 17282	DEF AT Middle Eocene (Bartonian) Sphenolithus furcatolithoides	DEF AT
19430 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 26	Date of Summary: 29-AUG-1991	First Sample Examined: 9060
Lease Number: 00390	Source of Paleo: OPERATOR	Borehole MD: 10050
Well Name: CB002	Paleo Done By: OPERATOR	Borehole TVD: 9831
API Well Number: 177170030001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 7800 - 10053	Water Depth: 48
Public Info Code: Y 09-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9060 / 9006	DEF AT first sample examined	DEF AT 1
9300 / 9220	DEF AT poor sample interval top	POS AT 1
9390 / 9298	DEF AT poor sample interval bottom	DEF AT 1
9450 / 9348	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
9600 / 9472	DEF AT - - - - -	DEF AT 1
9690 / 9546	DEF AT - - - - -	DEF AT 2
10053 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: GI 28	Date of Summary: 14-DEC-1999	First Sample Examined: 0
Lease Number: G18063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13498
API Well Number: 177174042100	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 25-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11620 / 11618	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 30	Date of Summary: 12-NOV-1999	First Sample Examined: 0
Lease Number: G18064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11099
API Well Number: 177174041900	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 10-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8050 / 8049	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8900 / 8899	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
9450 / 9449	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10040 / 10039	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 30	Date of Summary: 29-DEC-1999	First Sample Examined: 0
Lease Number: G18064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13299
API Well Number: 177174041500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 10-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 6900	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8070 / 8070	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8920 / 8920	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
9500 / 9500	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10100 / 10100	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 30	Date of Summary: 24-JAN-2001	First Sample Examined: 0
Lease Number: G18065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14400
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13036
API Well Number: 177174041800	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 07-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 7698	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8910 / 8389	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
9450 / 8848	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10070 / 9367	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 40	Date of Summary: 21-SEP-1994	First Sample Examined: 0
Lease Number: 00128	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12840
Well Name: G010	Paleo Done By: OPERATOR	Borehole TVD: 12148
API Well Number: 177174037200	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 18-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11292 / 10884	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 55	Date of Summary: 10-DEC-1991	First Sample Examined: 0
Lease Number: G09676	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15208
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12310
API Well Number: 177174032100	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 03-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6750	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8400 / 8336	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13500 / 11543	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 55	Date of Summary: 25-MAY-1994	First Sample Examined: 0
Lease Number: G09676	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14644
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12768
API Well Number: 177174034700	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 05-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10710 / 9433	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 63	Date of Summary: 01-APR-1999	First Sample Examined: 19000
Lease Number: G14555	Source of Paleo: OPERATOR	Borehole MD: 20361
Well Name: A001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 18825
API Well Number: 177174041100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 19000 - 20350	Water Depth: 116
Public Info Code: Y 18-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19000 / 17712	DEF AT first sample examined	DEF IN 3
19001 / 17712	POS IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 3
19090 / 17786	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 3
19270 / 17933	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
19630 / 18230	DEF AT sand	DEF IN 3
19870 / 18427	DEF AT local marker foram increase	DEF IN 3
19930 / 18476	DEF AT local marker planktic foram increase	DEF IN 3
20289 / 18767	DEF AT pyrite	POS AT 4
20290 / 18768	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	POS AT 4
20350 / 18816	DEF AT last sample examined	POS AT 4

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End Date: 31-DEC-2004

Area Block: GI 65	Date of Summary: 15-SEP-1997	First Sample Examined: 0
Lease Number: G08730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16287
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16101
API Well Number: 177174039800	Drilling Operator: NIPPON OIL EXPLORATION GULF	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 138
Public Info Code: Y 08-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9452 / 9445	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 65	Date of Summary: 14-JUN-1996	First Sample Examined: 0
Lease Number: G08730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16630
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14111
API Well Number: 177174038500	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 08-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7890 / 6170	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11910 / 9429	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13950 / 11443	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
16050 / 13536	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 18-JAN-1993	First Sample Examined: 7510
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 15070
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14625
API Well Number: 177184007100	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 7510 - 15070	Water Depth: 240
Public Info Code: Y 05-FEB-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7509	DEF AT first sample examined	DEF IN 4
7690 / 7689	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7750 / 7749	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8080 / 8079	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8140 / 8139	POS AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
8349 / 8348	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8350 / 8349	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
8380 / 8379	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
8440 / 8439	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8468 / 8467	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8469 / 8468	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8470 / 8469	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8560 / 8559	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
9040 / 9039	DEF AT faunal change (no faunal increase)	DEF AT 4
10480 / 10479	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11710 / 11709	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12340 / 12339	DEF AT local marker benthic foram increase	DEF AT 4
12520 / 12519	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12970 / 12960	DEF AT Eggerella sp. (local marker)	DEF AT 4
13000 / 12988	DEF AT Eggerella 3 (local marker)	DEF AT 4
13240 / 13208	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
13270 / 13235	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 18-JAN-1993	First Sample Examined: 7510
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 15070
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14625
API Well Number: 177184007100	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 7510 - 15070	Water Depth: 240
Public Info Code: Y 05-FEB-2003	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13510 / 13438	DEF AT local marker deep water fauna	DEF AT 6
13600 / 13508	DEF AT Eggerella sp. (local marker)	DEF AT 6
13960 / 13784	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
13990 / 13808	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
14080 / 13880	DEF AT local marker benthic foram increase	DEF AT 4
15070 / 14625	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 19-JAN-1993	First Sample Examined: 7510
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 15070
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14625
API Well Number: 177184007100	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 7510 - 15070	Water Depth: 240
Public Info Code: Y 05-FEB-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7509	DEF AT first sample examined	DEF AT
7690 / 7689	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8110 / 8109	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8350 / 8349	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
8380 / 8379	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9490 / 9489	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10210 / 10209	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13180 / 13155	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15070 / 14625	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: GI 102	Date of Summary: 17-JUN-1991	First Sample Examined: 1340
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 177184006500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 4	Sample Range: 1340 - 16140	Water Depth: 255
Public Info Code: Y 14-JUL-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1340 / 1339	DEF AT first sample examined	DEF AT
5930 / 5927	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6830 / 6827	POS IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7010 / 7007	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7640 / 7636	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8640 / 8636	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9180 / 9176	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9629 / 9625	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9630 / 9626	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9900 / 9896	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10860 / 10849	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13620 / 13567	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16140 / 15300	DEF AT last sample examined	DEF AT

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Area Block: GI 102	Date of Summary: 17-JUN-1991	First Sample Examined: 16140
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 177184006500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 2 of 4	Sample Range: 16140 - 16512	Water Depth: 255
Public Info Code: Y 14-JUL-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack, nannospecies abundance and diversity chart available, see report for details, no diagnostic coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16140 / 15300	DEF AT first sample examined	DEF AT
16512 / 15489	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: GI 102	Date of Summary: 18-JUN-1991	First Sample Examined: 1340
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 177184006500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 3 of 4	Sample Range: 1340 - 16140	Water Depth: 255
Public Info Code: Y 14-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1340 / 1339	DEF AT first sample examined	DEF IN 3
2060 / 2057	DEF AT - - - - -	DEF AT 4
2780 / 2777	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
5930 / 5927	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6380 / 6377	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6829 / 6826	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6830 / 6827	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
8610 / 8606	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9180 / 9176	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9330 / 9326	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9689 / 9685	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
9690 / 9686	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9900 / 9896	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11610 / 11589	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11730 / 11708	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
12270 / 12238	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13500 / 13452	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
13680 / 13624	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13860 / 13793	DEF AT Eggerella 3 (local marker)	DEF IN 5
13890 / 13821	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
14039 / 13960	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
14040 / 13961	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 18-JUN-1991	First Sample Examined: 1340
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 177184006500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 3 of 4	Sample Range: 1340 - 16140	Water Depth: 255
Public Info Code: Y 14-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14100 / 14017	DEF AT Eggerella 3 (local marker)	DEF AT 6
14220 / 14127	DEF AT local marker foram decrease	DEF AT 4
15810 / 15135	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16140 / 15300	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 18-JUN-1991	First Sample Examined: 16140
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 16512
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15488
API Well Number: 177184006500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 4 of 4	Sample Range: 16140 - 16512	Water Depth: 255
Public Info Code: Y 14-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16140 / 15300	DEF AT first sample examined	DEF AT 4
16141 / 15301	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
16440 / 15452	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
16512 / 15489	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 102	Date of Summary: 01-APR-1993	First Sample Examined: 2100
Lease Number: G05662	Source of Paleo: OPERATOR	Borehole MD: 17505
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16909
API Well Number: 177184006700	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2100 - 4404	Water Depth: 255
Public Info Code: Y 10-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2098	DEF AT first sample examined	DEF IN 3
2460 / 2457	DEF AT - - - - -	DEF AT 4
4404 / 4399	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 106	Date of Summary: 01-MAY-2000	First Sample Examined: 13580
Lease Number: G15359	Source of Paleo: OPERATOR	Borehole MD: 19204
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 19195
API Well Number: 177184009300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 13580 - 19204	Water Depth: 338
Public Info Code: Y 28-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 14480=At Upper Miocene (Tortonian) Globigerina nepenthes acme

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13580 / 13573	DEF AT first sample examined	DEF IN 4
13610 / 13603	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
13880 / 13873	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 4
13940 / 13933	DEF AT faunal change (no faunal increase)	DEF AT 4
14120 / 14113	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14210 / 14203	DEF AT local marker foram increase	DEF IN 4
14330 / 14323	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14480 / 14473	DEF AT local marker planktic foram increase	DEF IN 4
14600 / 14593	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14870 / 14862	POS IN Upper Miocene (Tortonian) Planulina renzi	DEF IN 4
15080 / 15072	DEF AT faunal change (no faunal increase)	DEF AT 4
15200 / 15192	DEF AT local marker planktic foram increase	DEF IN 4
15230 / 15222	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 4
15380 / 15372	DEF AT faunal change (no faunal increase)	DEF AT 4
15980 / 15972	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
16160 / 16152	DEF AT Arenaceous fauna (local marker)	DEF IN 4
16190 / 16182	DEF AT faunal change (no faunal increase)	DEF AT 4
16560 / 16552	DEF AT local marker foram increase	DEF AT 4
17160 / 17152	DEF AT local marker foram increase	DEF IN 4
17340 / 17332	DEF AT faunal change (no faunal increase)	DEF AT 4
17430 / 17422	DEF AT Arenaceous fauna (local marker)	DEF AT 4
17490 / 17482	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 106	Date of Summary: 01-MAY-2000	First Sample Examined: 13580
Lease Number: G15359	Source of Paleo: OPERATOR	Borehole MD: 19204
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 19195
API Well Number: 177184009300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 13580 - 19204	Water Depth: 338
Public Info Code: Y 28-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17550 / 17542	DEF AT Arenaceous fauna (local marker)	DEF AT 4
17820 / 17812	DEF AT Arenaceous fauna (local marker)	DEF AT 4
18120 / 18112	DEF AT Arenaceous fauna (local marker)	DEF AT 4
18180 / 18172	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
18210 / 18202	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
18300 / 18292	DEF AT Arenaceous fauna (local marker)	DEF AT 4
18510 / 18502	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF IN 4
18600 / 18592	DEF AT faunal change (no faunal increase)	DEF AT 4
19020 / 19011	DEF AT Arenaceous fauna (local marker)	DEF AT 4
19170 / 19161	DEF AT local marker foram increase	DEF AT 4
19204 / 19195	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 106	Date of Summary: 01-MAY-2000	First Sample Examined: 4000
Lease Number: G15359	Source of Paleo: OPERATOR	Borehole MD: 19204
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 19195
API Well Number: 177184009300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4000 - 19204	Water Depth: 338
Public Info Code: Y 28-FEB-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF AT
4060 / 4060	DEF AT reworked material	DEF AT
4120 / 4120	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4540 / 4540	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
5560 / 5560	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
5561 / 5561	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
5770 / 5770	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
5950 / 5950	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa (acme)	DEF AT
6190 / 6190	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
6400 / 6400	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
6460 / 6460	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa B	DEF AT
6520 / 6520	DEF AT reworked material	DEF AT
6670 / 6670	DEF AT salt	DEF AT
13580 / 13573	DEF AT base of salt	DEF AT
13610 / 13603	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
13640 / 13633	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (very rare)	DEF AT
13641 / 13634	POS AT Middle Miocene (Serravallian) Calcidiscus premacintyreii	DEF AT
13669 / 13662	DEF AT gouge	DEF AT
13670 / 13663	DEF IN Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
13671 / 13664	POS AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (increase)	DEF AT
13672 / 13665	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
13700 / 13693	DEF AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 106	Date of Summary: 01-MAY-2000	First Sample Examined: 4000
Lease Number: G15359	Source of Paleo: OPERATOR	Borehole MD: 19204
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 19195
API Well Number: 177184009300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4000 - 19204	Water Depth: 338
Public Info Code: Y 28-FEB-2001	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14210 / 14203	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
14330 / 14323	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15200 / 15192	DEF AT local marker floral increase	DEF AT
15980 / 15972	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT
16130 / 16122	DEF AT reworked material	DEF AT
16220 / 16212	DEF AT local marker floral increase	DEF AT
16310 / 16302	DEF AT Upper Miocene (Tortonian) Reticulofenestra pseudumbilica "C"	DEF AT
16430 / 16422	DEF IN Upper Miocene (Tortonian) Reticulofenestra pseudumbilica "C"	DEF AT
16890 / 16882	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
17160 / 17152	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
18150 / 18142	DEF AT local marker floral increase	DEF AT
18510 / 18502	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
19080 / 19071	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
19110 / 19101	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
19170 / 19161	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 115	Date of Summary: 01-FEB-1994	First Sample Examined: 3970
Lease Number: G10873	Source of Paleo: OPERATOR	Borehole MD: 11406
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11406
API Well Number: 177184007200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3970 - 12520	Water Depth: 366
Public Info Code: Y 29-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3970 / 3970	DEF AT first sample examined	DEF AT
4690 / 4690	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5580 / 5580	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6010 / 6010	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6130 / 6130	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6160 / 6160	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7090 / 7090	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7420 / 7420	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7540 / 7540	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7630 / 7630	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8380 / 8380	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8560 / 8560	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
9340 / 9340	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10720 / 10719	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
11920 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
12520 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: GI 115	Date of Summary: 28-JUN-1994	First Sample Examined: 0
Lease Number: G10873	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12450
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12127
API Well Number: 177184007300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 366
Public Info Code: Y 29-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8490 / 8326	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9480 / 9272	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9900 / 9675	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10020 / 9790	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
11610 / 11320	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 45	Date of Summary: 25-FEB-1999	First Sample Examined: 0
Lease Number: G12564	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11175
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11175
API Well Number: 427104011600	Drilling Operator: LOUIS DREYFUS NATURAL GAS CORP	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 23-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 10699	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 68	Date of Summary: 13-MAY-1999	First Sample Examined: 0
Lease Number: G15771	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9746
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9668
API Well Number: 427084045000	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 11-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5865 / 5789	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7475 / 7399	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8085 / 8009	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9055 / 8979	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 86	Date of Summary: 19-APR-2000	First Sample Examined: 0
Lease Number: G14155	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12744
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10689
API Well Number: 427084047700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 13-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5820 / 5820	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6520 / 6510	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6890 / 6862	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7950 / 7766	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8530 / 8156	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9815 / 8910	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 87	Date of Summary: 25-JUN-1996	First Sample Examined: 6960
Lease Number: G15772	Source of Paleo: OPERATOR	Borehole MD: 14197
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14189
API Well Number: 427084043100	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6960 - 14197	Water Depth: 44
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6960 / 6960	DEF AT first sample examined	DEF AT 3
7050 / 7050	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7110 / 7110	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
7410 / 7410	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7470 / 7470	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7530 / 7530	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7650 / 7650	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7710 / 7710	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8370 / 8370	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9030 / 9030	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
10680 / 10679	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10890 / 10889	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11040 / 11039	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
11190 / 11189	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11700 / 11699	DEF AT local marker benthic foram increase	DEF AT 4
11880 / 11879	DEF AT faunal change (no faunal increase)	DEF AT 3
12510 / 12509	DEF AT local marker benthic foram increase	DEF AT 3
12900 / 12899	DEF AT local marker planktic foram increase	DEF AT 3
13080 / 13078	DEF AT local marker foram decrease	DEF AT 3
14197 / 14189	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 87	Date of Summary: 24-JUN-1998	First Sample Examined: 0
Lease Number: G15772	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10590
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10100
API Well Number: 427084047300	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4890 / 4890	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5620 / 5620	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6450 / 6450	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6800 / 6800	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8298 / 8256	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
8990 / 8808	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 87	Date of Summary: 29-JUL-1999	First Sample Examined: 0
Lease Number: G15772	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7700
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7700
API Well Number: 427084049100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 5430	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6207 / 6207	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6525 / 6525	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 88	Date of Summary: 01-JUN-1999	First Sample Examined: 0
Lease Number: G15773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9802
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 427084048600	Drilling Operator: PRIME NATURAL RESOURCES INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 26-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 7184	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7629 / 7476	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7774 / 7600	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9318 / 8893	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 90	Date of Summary: 20-DEC-2000	First Sample Examined: 0
Lease Number: G21342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10859
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427084052900	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 30-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7672 / 6611	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
8432 / 7117	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8731 / 7311	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 110	Date of Summary: 02-JAN-1991	First Sample Examined: 0
Lease Number: G02353	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12830
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 12676
API Well Number: 427084035000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 04-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7522 / 7369	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8175 / 8022	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10735 / 10582	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12570 / 12416	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 110	Date of Summary: 25-FEB-1998	First Sample Examined: 0
Lease Number: G02354	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11945
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 10966
API Well Number: 427084040100	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 12-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 7356	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11170 / 10318	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 117	Date of Summary: 05-NOV-1999	First Sample Examined: 0
Lease Number: G17147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10032
API Well Number: 427084046000	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 14-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8950 / 8944	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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End Date: 31-DEC-2004

Area Block: HI 117	Date of Summary: 25-FEB-1998	First Sample Examined: 0
Lease Number: G17147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10032
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 427084047100	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 14-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7829	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8930 / 8927	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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End Date: 31-DEC-2004

Area Block: HI 117	Date of Summary: 21-AUG-2001	First Sample Examined: 0
Lease Number: G17147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12078
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11892
API Well Number: 427084054600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 14-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9308 / 9307	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10936 / 10932	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 130	Date of Summary: 19-JAN-1999	First Sample Examined: 0
Lease Number: G14883	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9948
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9321
API Well Number: 427104013100	Drilling Operator: PRIME NATURAL RESOURCES INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 17-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6015 / 6015	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7670 / 7583	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8435 / 8192	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 131	Date of Summary: 23-NOV-1998	First Sample Examined: 0
Lease Number: G14863	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10192
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8400
API Well Number: 427084048000	Drilling Operator: PRIME NATURAL RESOURCES INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 21-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6574 / 5567	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9596 / 7934	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 131	Date of Summary: 11-DEC-1998	First Sample Examined: 0
Lease Number: G14863	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6767
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5796
API Well Number: 427084048200	Drilling Operator: PRIME NATURAL RESOURCES INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 21-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 5286	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

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Area Block: HI 132	Date of Summary: 27-JUL-2001	First Sample Examined: 0
Lease Number: G18937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17076
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16401
API Well Number: 427084052500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 31-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8570 / 8569	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9300 / 9299	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10960 / 10957	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 132	Date of Summary: 01-MAR-2002	First Sample Examined: 12000
Lease Number: G18937	Source of Paleo: OPERATOR	Borehole MD: 17076
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16401
API Well Number: 427084052500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 12000 - 17076	Water Depth: 41
Public Info Code: Y 31-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Paleo done by Ragan Biostrat, 16830=Marginulina sublituus (local), foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 / 11996	DEF AT first sample examined	DEF AT 3
12001 / 11997	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12030 / 12026	DEF AT - - - - -	DEF AT 2
12420 / 12416	DEF AT - - - - -	DEF AT 0
12450 / 12446	DEF AT - - - - -	DEF AT 1
12480 / 12476	DEF AT sample gap top	DEF AT
15510 / 15315	DEF AT sample gap bottom	DEF AT 2
16170 / 15890	DEF AT - - - - -	DEF AT 3
16200 / 15916	DEF AT - - - - -	DEF AT 2
16230 / 15943	DEF AT - - - - -	DEF AT 1
16380 / 16076	DEF AT - - - - -	DEF AT 2
16410 / 16103	DEF AT local marker foram increase	DEF AT 2
16560 / 16238	DEF AT local marker foram increase	DEF AT 2
16590 / 16267	DEF AT - - - - -	DEF AT 3
16740 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
16830 /	DEF AT local marker (general)	DEF AT 3
17076 /	DEF AT last sample examined	DEF AT 3

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Area Block: HI 134	Date of Summary: 11-SEP-1990	First Sample Examined: 0
Lease Number: G06158	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12192
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9855
API Well Number: 427084033400	Drilling Operator: CONOCO INC	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 05-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 / 9090	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT

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Area Block: HI 138	Date of Summary: 16-JAN-1998	First Sample Examined: 0
Lease Number: G09079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13665
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13659
API Well Number: 427084032400	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 08-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7989	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10865 / 10863	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
12636 / 12633	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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End Date: 31-DEC-2004

Area Block: HI 140	Date of Summary: 12-AUG-1992	First Sample Examined: 7000
Lease Number: 00518	Source of Paleo: OPERATOR	Borehole MD: 11310
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 11310
API Well Number: 427084036800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11310	Water Depth: 45
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6999	DEF AT first sample examined	DEF AT 1
7450 / 7449	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1
9070 / 9068	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9340 / 9338	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
11310 / 11308	DEF AT last sample examined	DEF AT 1

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Area Block: HI 140	Date of Summary: 01-JUN-1994	First Sample Examined: 0
Lease Number: 00518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9945
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9750
API Well Number: 427084039200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 16-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7621 / 7494	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 162	Date of Summary: 01-NOV-2003	First Sample Examined: 4990
Lease Number: G21343	Source of Paleo: OPERATOR	Borehole MD: 13221
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13220
API Well Number: 427084058000	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4990 - 13230	Water Depth: 54
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleo done by Rashel N Rosen, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4990	DEF AT first sample examined	DEF AT 2
4991 / 4991	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5080 / 5080	DEF AT - - - - -	DEF IN 1
5200 / 5200	DEF AT - - - - -	DEF AT 2
5260 / 5260	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5500 / 5500	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
5620 / 5620	DEF AT - - - - -	DEF AT 1
5800 / 5800	DEF AT - - - - -	DEF AT 2
6490 / 6490	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6970 / 6970	DEF AT - - - - -	DEF IN 1
7090 / 7090	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
7330 / 7330	DEF AT - - - - -	DEF IN 2
7959 / 7959	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 2
7960 / 7960	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
8140 / 8140	DEF AT local marker deep water fauna	DEF IN 3
8260 / 8260	DEF AT - - - - -	DEF IN 2
8980 / 8980	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 2
9130 / 9130	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 2
9340 / 9340	DEF AT - - - - -	DEF AT 3
9490 / 9490	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
9550 / 9550	DEF AT - - - - -	DEF AT 2
9580 / 9580	DEF AT - - - - -	DEF IN 2

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Area Block: HI 162	Date of Summary: 01-NOV-2003	First Sample Examined: 4990
Lease Number: G21343	Source of Paleo: OPERATOR	Borehole MD: 13221
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13220
API Well Number: 427084058000	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 4990 - 13230	Water Depth: 54
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9760 / 9760	DEF AT foram flood	DEF IN 2
9820 / 9820	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10000 / 10000	POS AT fault	DEF AT 3
10090 / 10090	DEF AT local marker foram decrease	DEF AT 3
10390 / 10390	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10480 / 10480	DEF AT pyrite	DEF AT 3
11529 / 11528	DEF AT local marker planktic foram increase	DEF AT 3
11530 / 11529	DEF AT foram flood	DEF AT 3
12040 / 12039	DEF AT - - - - -	DEF AT 2
12070 / 12069	DEF AT - - - - -	DEF AT 3
13000 / 12999	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13230 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 162	Date of Summary: 30-NOV-2000	First Sample Examined: 0
Lease Number: G21343	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11276
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10927
API Well Number: 427084052800	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 / 9375	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10324 / 10214	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Area Block: HI 162	Date of Summary: 21-FEB-2001	First Sample Examined: 0
Lease Number: G21343	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14075
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12314
API Well Number: 427084052801	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 / 6540	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8460 / 8460	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9030 / 9027	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
14075 / 12314	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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End Date: 31-DEC-2004

Area Block: HI 164	Date of Summary: 04-OCT-2001	First Sample Examined: 0
Lease Number: G17149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7331
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6100
API Well Number: 427084054700	Drilling Operator: PRS OFFSHORE LP	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 12-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 5820	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 200	Date of Summary: 21-DEC-1990	First Sample Examined: 4100
Lease Number: G09086	Source of Paleo: OPERATOR	Borehole MD: 12664
Well Name: A001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 11802
API Well Number: 427084035400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 4100 - 12664	Water Depth: 51
Public Info Code: Y 18-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 4100	DEF AT first sample examined	DEF AT 3
4101 / 4101	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5090 / 5090	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5210 / 5210	DEF AT - - - - -	DEF AT 2
5540 / 5540	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5870 / 5870	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6080 / 6080	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6350 / 6350	DEF AT - - - - -	DEF AT 3
7190 / 7186	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7280 / 7275	DEF AT - - - - -	DEF AT 4
8780 / 8607	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
8810 / 8632	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
9890 / 9521	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9920 / 9545	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
11120 / 10497	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
11810 / 11070	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12664 / 11803	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 235	Date of Summary: 25-APR-2001	First Sample Examined: 0
Lease Number: G18941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14601
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14590
API Well Number: 427084047902	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 31-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9750 / 9750	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12347 / 12345	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15350 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 261	Date of Summary: 03-OCT-1990	First Sample Examined: 0
Lease Number: G08155	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13004
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10645
API Well Number: 427084033600	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 02-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11012 / 9013	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11878 / 9703	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 261	Date of Summary: 15-JUN-1995	First Sample Examined: 0
Lease Number: G08155	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11793
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10626
API Well Number: 427084035201	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 01-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7448 / 6996	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8147 / 7597	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8868 / 8218	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9810 / 8994	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10740 / 9741	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI 262	Date of Summary: 11-SEP-1990	First Sample Examined: 0
Lease Number: G08155	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11822
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11296
API Well Number: 427084033800	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 12-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9658 / 9244	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10338 / 9887	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 1	Date of Summary: 10-SEP-1996	First Sample Examined: 4500
Lease Number: G15780	Source of Paleo: OPERATOR	Borehole MD: 11814
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11814
API Well Number: 427084043700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4500 - 11814	Water Depth: 50
Public Info Code: Y 22-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 3
4590 / 4590	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5760 / 5760	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6660 / 6660	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7020 / 7020	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7440 / 7440	DEF AT local marker foram increase	DEF AT 3
8310 / 8310	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9440 / 9439	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
9500 / 9499	DEF AT local marker planktic foram increase	DEF AT 3
9770 / 9769	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10130 / 10128	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
10310 / 10308	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10460 / 10457	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10640 / 10637	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
10819 / 10816	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10820 / 10817	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
11210 / 11207	DEF AT Bathysiphon fauna	DEF AT 4
11360 / 11356	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
11450 / 11447	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
11480 / 11477	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11510 / 11507	DEF AT foram flood	DEF AT 4
11814 / 11810	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 1	Date of Summary: 19-AUG-1999	First Sample Examined: 0
Lease Number: G15780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15180
API Well Number: 427084048500	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 22-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10350 / 10342	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10470 / 10461	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11610 / 11598	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14580 / 14562	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 3	Date of Summary: 29-MAR-2001	First Sample Examined: 6010
Lease Number: G21345	Source of Paleo: OPERATOR	Borehole MD: 13670
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13664
API Well Number: 427084052400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6010 - 13680	Water Depth: 60
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6010 / 6010	DEF AT first sample examined	DEF IN 3
6430 / 6430	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
6820 / 6819	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
9120 / 9116	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
9240 / 9236	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 3
10050 / 10046	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
10290 / 10286	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
11010 / 11006	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
11190 / 11186	DEF AT - - - - -	DEF AT 4
11220 / 11216	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11610 / 11606	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13020 / 13015	DEF AT - - - - -	POS AT 5
13110 / 13105	POS AT Middle Miocene (Serravallian) Cibicides opima	POS AT 5
13680 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 3	Date of Summary: 03-MAY-2001	First Sample Examined: 4500
Lease Number: G21345	Source of Paleo: OPERATOR	Borehole MD: 15634
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15624
API Well Number: 427084053200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4500 - 15480	Water Depth: 60
Public Info Code: Y 30-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4495	DEF AT first sample examined	DEF AT 3
4530 / 4525	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4950 / 4945	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6420 / 6415	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6630 / 6625	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8910 / 8905	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9960 / 9955	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10080 / 10075	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10830 / 10825	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10890 / 10885	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11370 / 11365	DEF AT - - - - -	DEF AT 4
11460 / 11455	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
13140 / 13134	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14250 / 14242	DEF AT - - - - -	DEF AT 5
14700 / 14691	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
15480 / 15470	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 6	Date of Summary: 09-SEP-1993	First Sample Examined: 12333
Lease Number: G04734	Source of Paleo: OPERATOR	Borehole MD: 14655
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 13335
API Well Number: 427084037700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5200 - 14647	Water Depth: 55
Public Info Code: Y 21-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12333 / 11608	DEF AT first sample examined	DEF AT 2
12334 / 11609	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
14647 / 13329	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 9	Date of Summary: 14-DEC-1990	First Sample Examined: 4350
Lease Number: G09093	Source of Paleo: OPERATOR	Borehole MD: 12423
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12023
API Well Number: 427084033500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4350 - 12423	Water Depth: 56
Public Info Code: Y 19-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4350 / 4350	DEF AT first sample examined	DEF IN 3
4950 / 4947	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
5490 / 5457	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
6990 / 6838	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
7290 / 7114	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
7950 / 7721	DEF AT local marker foram increase	DEF IN 3
8880 / 8585	DEF AT local marker planktic foram increase	DEF IN 3
9359 / 9032	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
9360 / 9033	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
9960 / 9600	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
10200 / 9830	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
11009 / 10616	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
11010 / 10617	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
11100 / 10706	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11190 / 10795	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12423 / 12023	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 9	Date of Summary: 14-DEC-1990	First Sample Examined: 8560
Lease Number: G09093	Source of Paleo: OPERATOR	Borehole MD: 12284
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11867
API Well Number: 427084033501	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 8560 - 12280	Water Depth: 56
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8560 / 8288	DEF AT first sample examined	DEF AT 3
9490 / 9153	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10450 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11200 /	DEF AT - - - - -	DEF AT 4
11320 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
12280 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 9	Date of Summary: 14-DEC-1990	First Sample Examined: 10280
Lease Number: G09093	Source of Paleo: OPERATOR	Borehole MD: 12590
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12178
API Well Number: 427084033502	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 10280 - 12590	Water Depth: 57
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 / 9897	DEF AT first sample examined	DEF AT 3
10370 / 9982	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11390 / 10980	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
12570 / 12158	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12590 / 12178	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 21	Date of Summary: 11-MAR-1991	First Sample Examined: 0
Lease Number: G06180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12330
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11432
API Well Number: 427084035100	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 04-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD
 11860 / 11026

Paleo Top Description
 DEF IN Middle Miocene (Serravallian) Cristellaria "I"

Ecozone
 DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 21	Date of Summary: 14-NOV-1996	First Sample Examined: 0
Lease Number: G11365	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11875
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11875
API Well Number: 427084032800	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 11-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11212 / 11211	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 169	Date of Summary: 01-JUN-2002	First Sample Examined: 4500
Lease Number: G21350	Source of Paleo: OPERATOR	Borehole MD: 14650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14639
API Well Number: 427104014700	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4500 - 14650	Water Depth: 60
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleo done by Rachel N Rosen, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 1
4501 / 4501	POS IN Pliocene	DEF AT 1
4800 / 4800	DEF AT - - - - -	DEF AT 2
4860 / 4860	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
4890 / 4890	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 2
5160 / 5160	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5250 / 5250	DEF AT - - - - -	DEF IN 2
5340 / 5340	DEF AT - - - - -	DEF AT 2
5460 / 5460	DEF AT - - - - -	DEF IN 1
5580 / 5580	DEF AT - - - - -	DEF AT 1
5610 / 5610	DEF AT - - - - -	DEF IN 1
5940 / 5940	DEF AT - - - - -	DEF AT 2
6390 / 6390	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6660 / 6660	DEF AT - - - - -	DEF IN 2
7110 / 7110	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 2
7320 / 7320	DEF AT shell fragments	DEF IN 2
7380 / 7380	DEF AT - - - - -	DEF AT 3
7590 / 7590	DEF AT - - - - -	DEF AT 2
7920 / 7920	DEF AT - - - - -	DEF IN 2
8160 / 8160	DEF AT - - - - -	DEF AT 2
8340 / 8340	DEF AT - - - - -	DEF IN 2
8670 / 8670	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 169	Date of Summary: 01-JUN-2002	First Sample Examined: 4500
Lease Number: G21350	Source of Paleo: OPERATOR	Borehole MD: 14650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14639
API Well Number: 427104014700	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4500 - 14650	Water Depth: 60
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 8700	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 2
9120 / 9120	DEF AT local marker foram increase	DEF IN 2
9210 / 9210	DEF AT - - - - -	DEF AT 3
9390 / 9390	DEF AT - - - - -	DEF IN 2
9420 / 9420	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
9540 / 9540	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
9600 / 9600	DEF AT - - - - -	DEF AT 3
9870 / 9870	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9900 / 9900	DEF AT local marker foram increase	DEF AT 3
9960 / 9960	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10260 / 10260	DEF AT - - - - -	DEF IN 2
11070 / 11070	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11130 / 11129	DEF AT - - - - -	DEF IN 3
11160 / 11159	DEF AT deepwater facies Harang	DEF IN 3
11220 / 11219	DEF AT - - - - -	DEF AT 4
11700 / 11699	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
11820 / 11819	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
12090 / 12089	DEF AT - - - - -	DEF AT 3
12120 / 12119	DEF AT - - - - -	DEF AT 2
12180 / 12179	DEF AT - - - - -	DEF AT 1
12300 / 12299	DEF AT - - - - -	DEF AT 2
12420 / 12419	DEF AT - - - - -	DEF AT 3
12720 / 12718	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
13260 / 13257	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 169	Date of Summary: 01-JUN-2002	First Sample Examined: 4500
Lease Number: G21350	Source of Paleo: OPERATOR	Borehole MD: 14650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14639
API Well Number: 427104014700	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4500 - 14650	Water Depth: 60
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 / 13317	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
13350 / 13347	DEF AT local marker (general)	DEF AT 3
13500 / 13497	DEF AT - - - - -	DEF AT 2
13920 / 13915	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
14040 / 14035	DEF AT local marker foram increase	DEF AT 2
14550 / 14540	DEF AT foram flood	DEF IN 2
14650 / 14639	DEF AT last sample examined	DEF IN 2

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Start Date: 01-JAN-2000

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Area Block: HI A 175	Date of Summary: 27-JUN-2001	First Sample Examined: 0
Lease Number: G17168	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8900
API Well Number: 427104014100	Drilling Operator: SAMSON OFFSHORE COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 25-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6950 / 6950	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7550 / 7550	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Area Block: HI A 244	Date of Summary: 08-DEC-1997	First Sample Examined: 0
Lease Number: G06214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8980
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 427104001802	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 30-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8278 / 6773	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

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Area Block: HI A 244	Date of Summary: 03-MAR-2000	First Sample Examined: 0
Lease Number: G14889	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8211
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7319
API Well Number: 427104013500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 29-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7642 / 6754	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: HI A 244	Date of Summary: 01-MAR-2000	First Sample Examined: 0
Lease Number: G17177	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8210
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7848
API Well Number: 427104013600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 07-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6994 / 6752	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: HI A 253	Date of Summary: 04-OCT-1994	First Sample Examined: 4400
Lease Number: G14186	Source of Paleo: OPERATOR	Borehole MD: 9419
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8035
API Well Number: 427104011500	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4400 - 9418	Water Depth: 130
Public Info Code: Y 24-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4139	DEF AT first sample examined	DEF AT 1
4850 / 4496	DEF AT - - - - -	DEF AT 2
5330 / 4877	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6950 / 6127	DEF AT - - - - -	DEF AT 3
7610 / 6633	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7850 / 6819	DEF AT - - - - -	DEF AT 4
9418 / 8034	DEF AT last sample examined	DEF AT 4

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Area Block: HI A 253	Date of Summary: 09-NOV-1999	First Sample Examined: 0
Lease Number: G14186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7880
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7880
API Well Number: 427104013400	Drilling Operator: ATP OIL & GAS CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 24-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7634 / 7634	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: HI A 271	Date of Summary: 15-JUL-1994	First Sample Examined: 0
Lease Number: G06245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10971
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10327
API Well Number: 427114070600	Drilling Operator: GLOBAL NATURAL RESOURCES CORP	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 11-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
2712 / 2712	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3640 / 3615	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4600 / 4481	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6310 / 5987	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6730 / 6362	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6850 / 6470	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
7000 / 6606	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
9740 / 9120	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
10600 / 9961	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT

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Area Block: HI A 274	Date of Summary: 17-MAR-1997	First Sample Examined: 0
Lease Number: G15806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7756
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5991
API Well Number: 427114074500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4774 / 4006	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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End Date: 31-DEC-2004

Area Block: HI A 274	Date of Summary: 19-SEP-1997	First Sample Examined: 0
Lease Number: G15806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4790
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 4330
API Well Number: 427114076900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 31-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3775 / 3425	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: HI A 285	Date of Summary: 21-APR-1999	First Sample Examined: 0
Lease Number: G03485	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8741
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 427114044701	Drilling Operator: NCX COMPANY INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 183
Public Info Code: Y 31-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 / 5047	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8498 / 7862	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: HI A 286	Date of Summary: 23-MAR-2001	First Sample Examined: 0
Lease Number: G03486	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7382
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 6975
API Well Number: 427114049401	Drilling Operator: DENBURY RESOURCES INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 03-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 5179	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: HI A 293	Date of Summary: 22-JUL-1997	First Sample Examined: 0
Lease Number: G15111	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15964
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11801
API Well Number: 427114078100	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8590 / 8387	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Area Block: HI A 302	Date of Summary: 20-FEB-2001	First Sample Examined: 0
Lease Number: G02733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8699
API Well Number: 427114070300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 03-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7541 / 5733	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10931 / 7938	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Area Block: HI A 327	Date of Summary: 04-JAN-1995	First Sample Examined: 1000
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 3966
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3946
API Well Number: 427114071200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 3966	Water Depth: 220
Public Info Code: Y 19-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1420 / 1420	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3966 / 3946	DEF AT last sample examined	DEF AT 3

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Area Block: HI A 334	Date of Summary: 01-JUL-1991	First Sample Examined: 1000
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 9963
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9253
API Well Number: 427114067900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9960	Water Depth: 235
Public Info Code: Y 10-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, report=original hole and sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 3
1240 / 1240	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1390 / 1390	DEF AT faunal change (no faunal increase)	DEF AT 2
1810 / 1810	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
2290 / 2290	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2440 / 2440	DEF AT faunal change (no faunal increase)	DEF AT 2
3030 / 3030	DEF AT cement	POS AT 2
3390 / 3390	DEF AT faunal change (no faunal increase)	DEF AT 2
4560 / 4560	DEF AT faunal change (no faunal increase)	DEF AT 4
4710 / 4709	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4770 / 4769	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
5100 / 5092	DEF AT faunal change (no faunal increase)	DEF AT 3
5730 / 5678	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7980 / 7497	DEF AT cement	DEF AT 3
8040 / 7548	DEF AT local marker foram decrease	DEF AT 3
9059 / 8452	DEF AT local marker foram decrease	DEF AT 3
9960 / 9250	DEF AT last sample examined	DEF AT 3

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Area Block: HI A 334	Date of Summary: 22-AUG-1990	First Sample Examined: 2920
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 13278
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 10933
API Well Number: 427114065700	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 2920 - 13230	Water Depth: 228
Public Info Code: Y 16-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2920 / 2817	DEF AT first sample examined	DEF AT 1
2921 / 2818	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3050 / 2925	DEF AT faunal change (no faunal increase)	DEF AT 3
3160 / 3014	DEF AT faunal change (no faunal increase)	DEF AT 2
3230 / 3069	DEF AT faunal change (no faunal increase)	DEF AT 1
3320 / 3139	DEF AT faunal change (no faunal increase)	DEF AT 2
4000 / 3663	DEF AT faunal change (no faunal increase)	DEF AT 1
4810 / 4282	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
4840 / 4304	DEF AT faunal change (no faunal increase)	DEF AT 3
5830 / 5047	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7390 / 6225	DEF AT faunal change (no faunal increase)	DEF AT 2
7735 / 6493	DEF AT faunal change (no faunal increase)	DEF AT 4
7870 / 6596	DEF AT faunal change (no faunal increase)	DEF AT 5
8530 / 7096	DEF AT faunal change (no faunal increase)	DEF AT 4
8740 / 7256	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9700 / 8004	DEF AT faunal change (no faunal increase)	DEF AT 5
10140 / 8337	DEF AT faunal change (no faunal increase)	DEF AT 4
10330 / 8480	DEF AT faunal change (no faunal increase)	DEF AT 5
10600 / 8686	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10900 / 8922	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13230 / 10890	DEF AT last sample examined	DEF AT 5

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Area Block: HI A 334	Date of Summary: 22-AUG-1990	First Sample Examined: 1000
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 13278
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 10933
API Well Number: 427114065700	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1000 - 13230	Water Depth: 228
Public Info Code: Y 16-MAY-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT
1540 / 1539	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4900 / 4348	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7990 / 6687	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10150 / 8345	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
13230 / 10890	DEF AT last sample examined	DEF AT

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Area Block: HI A 364	Date of Summary: 01-AUG-1997	First Sample Examined: 0
Lease Number: G17218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11003
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9586
API Well Number: 427114077900	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 293
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4944	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7690 / 6991	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
8950 / 7971	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9730 / 8586	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Area Block: HI A 364	Date of Summary: 15-JUN-1999	First Sample Examined: 4530
Lease Number: G17218	Source of Paleo: OPERATOR	Borehole MD: 11045
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 11040
API Well Number: 427114081600	Drilling Operator: J M HUBER CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4530 - 11040	Water Depth: 326
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT first sample examined	DEF IN 2
4531 / 4531	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4740 / 4740	DEF AT - - - - -	DEF AT 3
7500 / 7499	DEF AT - - - - -	POS IN 3
9120 / 9118	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9450 / 9448	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
10260 / 10258	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 3
10320 / 10318	DEF AT - - - - -	DEF AT 4
10440 / 10438	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
10740 / 10737	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
10860 / 10856	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10920 / 10916	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10950 / 10946	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11010 / 11005	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11011 / 11006	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 371	Date of Summary: 13-DEC-1994	First Sample Examined: 0
Lease Number: G14200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6752
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5080
API Well Number: 427114071600	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 399
Public Info Code: Y 17-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2549	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-2000

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Area Block: HI A 376	Date of Summary: 21-JAN-2000	First Sample Examined: 0
Lease Number: G02754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12400
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11715
API Well Number: 427114068700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 13-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3210 / 3210	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6090 / 6072	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8520 / 8210	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10740 / 10187	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 376	Date of Summary: 26-SEP-1997	First Sample Examined: 0
Lease Number: G02754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12424
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 11133
API Well Number: 427114068900	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 340
Public Info Code: Y 20-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11270 / 10193	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
12230 / 10977	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12320 / 11050	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 384	Date of Summary: 22-MAR-1990	First Sample Examined: 0
Lease Number: G03316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5831
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5211
API Well Number: 427114065900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 356
Public Info Code: Y 07-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3320 / 2975	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 384	Date of Summary: 03-JAN-1991	First Sample Examined: 0
Lease Number: G03316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11807
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5917
API Well Number: 427114066100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 360
Public Info Code: Y 02-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4835 / 3469	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 385	Date of Summary: 14-DEC-1993	First Sample Examined: 5000
Lease Number: G10311	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14798
API Well Number: 427114069900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 5000 - 14810	Water Depth: 352
Public Info Code: Y 11-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 4
5001 / 5001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5300 / 5300	DEF AT - - - - -	DEF AT 3
8420 / 8420	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8570 / 8570	DEF AT - - - - -	DEF AT 3
9890 / 9890	DEF AT - - - - -	DEF AT 4
9920 / 9920	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10490 / 10490	DEF AT - - - - -	DEF AT 5
11870 / 11869	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14060 / 14058	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14810 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-2004

Area Block: HI A 385	Date of Summary: 14-DEC-1993	First Sample Examined: 5000
Lease Number: G10311	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14798
API Well Number: 427114069900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 5000 - 14810	Water Depth: 352
Public Info Code: Y 11-JAN-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT
5001 / 5001	POS IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7610 / 7610	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8420 / 8420	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9920 / 9920	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10490 / 10490	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11870 / 11869	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
12020 / 12019	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
14780 / 14778	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14810 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-2004

Area Block: HI A 441	Date of Summary: 23-OCT-2000	First Sample Examined: 0
Lease Number: G17179	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 427094109900	Drilling Operator: REMINGTON OIL AND GAS CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 168
Public Info Code: Y 08-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7796 / 7795	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: HI A 466	Date of Summary: 05-APR-1991	First Sample Examined: 0
Lease Number: G03242	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9269
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 8564
API Well Number: 427094094000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 05-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7723 / 7221	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8194 / 7629	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-2004

Area Block: HI A 497	Date of Summary: 28-JUN-1996	First Sample Examined: 0
Lease Number: G06231	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11450
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 8760
API Well Number: 427094101200	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 21-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1590 / 1558	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4710 / 3166	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9810 / 7254	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Area Block: HI A 510	Date of Summary: 04-DEC-2000	First Sample Examined: 0
Lease Number: G17187	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12303
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8508
API Well Number: 427094106200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1442 / 1440	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4638 / 3562	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9724 / 6467	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11273 / 7565	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
12172 / 8383	DEF IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvaregina sinuata	DEF AT

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Area Block: HI A 511	Date of Summary: 19-FEB-1990	First Sample Examined: 1500
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9204
API Well Number: 427094092100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1500 - 11600	Water Depth: 188
Public Info Code: Y 02-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF IN 3
1830 / 1830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2460 / 2459	DEF AT pyrite	DEF IN 3
3360 / 3323	DEF AT local marker planktic foram increase	DEF IN 3
3600 / 3542	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7770 / 6518	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
8100 / 6746	DEF AT - - - - -	POS AT 4
8820 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 4
9690 /	DEF AT - - - - -	DEF AT 5
10530 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11010 /	DEF AT Bathysiphon fauna	DEF AT 5
11040 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11220 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11600 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

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Area Block: HI A 518	Date of Summary: 11-APR-1997	First Sample Examined: 0
Lease Number: G07338	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10865
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 9361
API Well Number: 427094102300	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 147
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 08-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2945 / 2843	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9085 / 7878	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Area Block: HI A 518	Date of Summary: 24-JAN-1997	First Sample Examined: 0
Lease Number: G08184	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3958
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 1809
API Well Number: 427094102000	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 147
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 06-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1503 / 1385	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-2000

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Area Block: HI A 519	Date of Summary: 24-JUL-1990	First Sample Examined: 0
Lease Number: G08184	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4734
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3030
API Well Number: 427094092801	Drilling Operator: KOCH EXPLORATION COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 219
Public Info Code: Y 29-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2412 / 1814	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3564 / 2397	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 519	Date of Summary: 21-JAN-1997	First Sample Examined: 5800
Lease Number: G08184	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: D001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 9656
API Well Number: 427094102200	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5800 - 10500	Water Depth: 219
Public Info Code: Y 06-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5208	DEF AT first sample examined	DEF AT 1
6418 / 5784	POS AT unconformity	DEF AT 4
6420 / 5785	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6960 / 6287	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9060 / 8271	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9720 / 8904	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9840 / 9020	POS AT unconformity	DEF AT 5
9870 / 9049	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10170 / 9338	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10230 / 9396	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10290 / 9454	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10470 / 9627	DEF AT last sample examined	DEF AT 5

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Area Block: HI A 523	Date of Summary: 07-SEP-1990	First Sample Examined: 0
Lease Number: G11390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9861
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9550
API Well Number: 427094093300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 20-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3419	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
5140 / 4852	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8660 / 8349	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9070 / 8759	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 523	Date of Summary: 30-JAN-1992	First Sample Examined: 0
Lease Number: G11390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11652
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8915
API Well Number: 427094092300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 11-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3428	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8460 / 6586	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9360 / 7219	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT

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End Date: 31-DEC-2004

Area Block: HI A 523	Date of Summary: 25-FEB-1992	First Sample Examined: 0
Lease Number: G11390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10519
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8138
API Well Number: 427094092400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 228
Public Info Code: Y 13-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3820 / 3391	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4330 / 3717	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7990 / 6248	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8500 / 6620	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
10210 / 7890	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 523	Date of Summary: 10-JUN-1992	First Sample Examined: 0
Lease Number: G11390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10705
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9455
API Well Number: 427094092600	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 24-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3690 / 3689	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9318 / 8335	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9808 / 8730	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 523	Date of Summary: 10-JUN-1992	First Sample Examined: 0
Lease Number: G11390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9554
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 8284
API Well Number: 427094094600	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 05-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4070 / 3772	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 528	Date of Summary: 30-JUN-1994	First Sample Examined: 4350
Lease Number: G13803	Source of Paleo: OPERATOR	Borehole MD: 9125
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427094097100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4350 - 9150	Water Depth: 199
Public Info Code: Y 14-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4350 / 4350	DEF AT first sample examined	POS AT 3
4440 / 4440	POS IN Lower Pleistocene (Calabrian) Helicosphaera sellii	POS AT 3
5130 / 5130	DEF AT faunal change (no faunal increase)	DEF AT 3
5160 / 5160	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
5250 / 5250	POS IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
5430 / 5430	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5490 / 5490	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
7020 / 6993	DEF AT local marker foram increase	DEF AT 4
7140 / 7101	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
7141 / 7102	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7920 / 7731	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8920 / 8392	DEF AT faunal change (no faunal increase)	DEF AT 2
9060 / 8486	DEF AT faunal change (no faunal increase)	DEF AT 3
9150 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 528	Date of Summary: 30-JUN-1994	First Sample Examined: 7585
Lease Number: G13803	Source of Paleo: OPERATOR	Borehole MD: 8727
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 8595
API Well Number: 427094097101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7585 - 8725	Water Depth: 199
Public Info Code: Y 19-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7585 / 7564	DEF AT first sample examined	POS AT 4
7795 / 7762	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	POS AT 4
7825 / 7789	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8725 / 8591	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 547	Date of Summary: 26-SEP-1994	First Sample Examined: 3290
Lease Number: G02705	Source of Paleo: OPERATOR	Borehole MD: 7577
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7129
API Well Number: 427094097800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 3290 - 7577	Water Depth: 270
Public Info Code: Y 17-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3290 / 2870	DEF AT first sample examined	DEF AT 3
3291 / 2871	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6080 / 5633	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6169 / 5722	DEF AT pyrite	DEF AT 4
6170 / 5723	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6350 / 5903	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6380 / 5933	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6960 / 6513	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
7040 / 6593	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
7220 / 6773	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
7577 / 7130	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 547	Date of Summary: 22-OCT-1992	First Sample Examined: 3000
Lease Number: G02705	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8296
API Well Number: 427094095500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9748	Water Depth: 275
Public Info Code: Y 19-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF IN 2
3150 / 3150	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5970 / 5590	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6210 / 5760	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6720 / 6112	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7260 / 6491	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7590 / 6725	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9748 / 8286	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 547	Date of Summary: 10-DEC-1992	First Sample Examined: 3110
Lease Number: G02705	Source of Paleo: OPERATOR	Borehole MD: 8940
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7363
API Well Number: 427094095900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3110 - 8930	Water Depth: 275
Public Info Code: Y 05-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3110 / 2971	DEF AT first sample examined	DEF AT 3
3111 / 2972	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6380 / 5451	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7250 / 6112	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7520 / 6316	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7820 / 6540	DEF AT local marker foram decrease	DEF AT 5
7880 / 6585	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8150 / 6785	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8330 / 6917	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8540 / 7071	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
8900 / 7335	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8930 / 7357	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 553	Date of Summary: 26-SEP-1990	First Sample Examined: 0
Lease Number: G06237	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6450
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5624
API Well Number: 427094093100	Drilling Operator: ENERGEN RESOURCES MAQ INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 265
Public Info Code: Y 15-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 4801	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 560	Date of Summary: 17-JUL-1995	First Sample Examined: 0
Lease Number: G14193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9707
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8723
API Well Number: 427094096900	Drilling Operator: GENERAL ATLANTIC ENERGY CORP	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 241
Public Info Code: Y 14-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4871	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 570	Date of Summary: 02-JUN-1979	First Sample Examined: 660
Lease Number: G02390	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9941
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 9909
API Well Number: 427094031870	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 660 - 9930	Water Depth: 277
Public Info Code: Y 05-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
660 / 660	DEF AT first sample examined	POS IN 1
900 / 900	DEF AT - - - - -	POS AT 2
1300 / 1300	DEF AT cement	POS AT 2
1680 / 1680	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
1950 / 1950	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
2460 / 2460	DEF AT - - - - -	DEF AT 2
3150 / 3150	DEF AT - - - - -	DEF AT 3
3270 / 3270	DEF AT local marker foram increase	DEF AT 4
4170 / 4169	DEF AT sample gap top	POS AT 4
4349 / 4348	DEF AT sample gap bottom	DEF AT 3
4350 / 4349	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4351 / 4350	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4440 / 4439	DEF AT pyrite	DEF AT 3
4890 / 4889	DEF AT local marker foram increase	DEF AT 3
5670 / 5668	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
8370 / 8365	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9670 / 9646	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9690 / 9665	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9900 / 9869	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9930 / 9898	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 570	Date of Summary: 13-JAN-1999	First Sample Examined: 5500
Lease Number: G02390	Source of Paleo: OPERATOR	Borehole MD: 15823
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13000
API Well Number: 427094105200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5500 - 15830	Water Depth: 272
Public Info Code: Y 05-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5500 / 5047	DEF AT first sample examined	DEF AT 3
7600 / 6571	DEF AT - - - - -	DEF AT 4
13690 / 11087	DEF AT - - - - -	DEF AT 5
13810 / 11185	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
14170 / 11488	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
14740 / 11995	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
15040 / 12273	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
15320 / 12531	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15470 / 12670	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
15530 / 12725	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
15830 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 570	Date of Summary: 10-SEP-2001	First Sample Examined: 0
Lease Number: G02390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12704
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 11777
API Well Number: 427094104600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 273
Public Info Code: Y 05-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 5040	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10710 / 10437	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11190 / 10761	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 576	Date of Summary: 03-OCT-1994	First Sample Examined: 9000
Lease Number: G14194	Source of Paleo: OPERATOR	Borehole MD: 17050
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17045
API Well Number: 427094097700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 9000 - 17050	Water Depth: 294
Public Info Code: Y 27-FEB-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8999	DEF AT first sample examined	DEF AT 3
9001 / 9000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
11670 / 11668	DEF AT - - - - -	DEF AT 4
11970 / 11968	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
12030 / 12028	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12090 / 12088	DEF AT - - - - -	DEF AT 5
12540 / 12538	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12570 / 12568	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12840 / 12838	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
14730 / 14728	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
15090 / 15088	POS AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 5
15120 / 15118	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
15870 / 15868	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
17050 / 17047	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: HI A 576	Date of Summary: 04-OCT-1994	First Sample Examined: 9000
Lease Number: G14194	Source of Paleo: OPERATOR	Borehole MD: 17050
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17045
API Well Number: 427094097700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 9000 - 17050	Water Depth: 294
Public Info Code: Y 27-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF AT
9001 / 9000	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
12030 / 12028	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
12090 / 12088	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
13050 / 13048	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
13590 / 13588	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
13620 / 13618	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
14760 / 14758	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
17050 / 17047	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 28	Date of Summary: 11-DEC-1989	First Sample Examined: 9840
Lease Number: G09771	Source of Paleo: OPERATOR	Borehole MD: 13066
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12003
API Well Number: 608174036801	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 9840 - 13066	Water Depth: 1494
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9840 / 9053	DEF AT first sample examined	DEF AT 4
9870 / 9077	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
10710 / 9798	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
10980 / 10042	POS IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
11100 / 10152	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
11400 / 10432	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
12390 / 11364	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
12720 / 11674	DEF AT calcite	DEF AT 4
12870 / 11816	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
13006 / 11944	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 72	Date of Summary: 27-APR-1990	First Sample Examined: 8680
Lease Number: G08483	Source of Paleo: OPERATOR	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10798
API Well Number: 608174037500	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 8680 - 10800	Water Depth: 1978
Public Info Code: Y 16-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8680 / 8679	DEF AT first sample examined	POS AT 4
8980 / 8979	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
9010 / 9009	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
9610 / 9609	DEF AT faunal change (no faunal increase)	DEF AT 5
9850 / 9848	DEF AT faunal change (no faunal increase)	DEF AT 4
10330 / 10328	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10800 / 10798	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 84	Date of Summary: 02-MAR-1993	First Sample Examined: 0
Lease Number: G08484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 608174043100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 5195
Public Info Code: Y 16-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 13450=Cyclococcolithus neogammation (=synonym for Cyclicargolithus floridanus)

MD / TVD	Paleo Top Description	Ecozone
7980 / 7980	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8460 / 8460	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
9000 / 9000	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
9060 / 9060	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
10200 / 10200	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
10710 / 10710	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
13450 / 13389	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT

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End Date: 31-DEC-2004

Area Block: MC 84	Date of Summary: 02-MAR-1993	First Sample Examined: 0
Lease Number: G08484	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 608174043100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 2 of 4	Sample Range: 0 - 0	Water Depth: 5195
Public Info Code: Y 16-FEB-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for sidetrack

MD / TVD	Paleo Top Description	Ecozone
12920 / 12898	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13990 / 13876	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
14110 / 13984	DEF AT Middle Miocene (Serravallian) Calcidiscus premacintyreii	DEF AT
14440 / 14283	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
14560 / 14393	DEF IN Upper Oligocene	DEF AT
14630 / 14456	DEF IN Lower (Early) Eocene	DEF AT
14700 / 14520	DEF IN Upper (Late) Paleocene	DEF AT
14820 / 14629	DEF AT Lower Paleocene Danian Stage	DEF AT
15010 / 14803	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT
15050 / 14840	DEF AT Upper Cretaceous Campanian Stage	DEF AT
15100 / 14886	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 84	Date of Summary: 22-JUN-1993	First Sample Examined: 13600
Lease Number: G08484	Source of Paleo: OPERATOR	Borehole MD: 15185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 608174043100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 3 of 4	Sample Range: 13600 - 15185	Water Depth: 5195
Public Info Code: Y 16-FEB-2003	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13600 / 13524	DEF AT first sample examined	DEF AT 4
13870 / 13768	DEF AT - - - - -	DEF AT 5
13930 / 13822	DEF AT poor sample interval top	POS AT 5
13989 / 13875	DEF AT poor sample interval bottom	DEF AT 5
13990 / 13876	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
14050 / 13930	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
14080 / 13957	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
14110 / 13984	DEF AT - - - - -	DEF AT 5
14170 / 14039	DEF AT - - - - -	DEF AT 4
14530 / 14365	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
14600 / 14429	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 4
14670 / 14492	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
14730 / 14547	DEF AT - - - - -	DEF AT 4
14920 / 14721	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 4
14950 / 14748	DEF AT - - - - -	DEF AT 5
14960 / 14757	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 3
15050 / 14840	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 3
15110 / 14895	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 3
15185 / 14964	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 84	Date of Summary: 01-JUL-1993	First Sample Examined: 9000
Lease Number: G08484	Source of Paleo: OPERATOR	Borehole MD: 15185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 608174043100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 4 of 4	Sample Range: 9000 - 13600	Water Depth: 5195
Public Info Code: Y 16-FEB-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 9000	DEF AT first sample examined	DEF AT 5
9240 / 9240	DEF AT -----	DEF AT 3
9300 / 9300	DEF AT -----	DEF AT 4
9720 / 9720	DEF AT -----	DEF AT 5
9780 / 9780	DEF AT -----	DEF AT 4
9960 / 9960	DEF AT -----	DEF AT 5
10020 / 10020	DEF AT -----	DEF AT 4
10200 / 10200	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10260 / 10260	DEF AT -----	DEF AT 4
10620 / 10620	DEF AT -----	DEF AT 5
10680 / 10680	DEF AT -----	DEF AT 4
10740 / 10740	DEF AT -----	DEF AT 5
10860 / 10860	DEF AT -----	DEF AT 4
11100 / 11100	DEF AT -----	DEF AT 3
11160 / 11160	DEF AT -----	DEF AT 4
11280 / 11280	DEF AT -----	DEF AT 3
11310 / 11310	DEF AT sample gap top	POS AT 3
11580 / 11580	DEF AT sample gap bottom	POS AT 3
11581 / 11581	DEF AT poor sample interval top	POS AT 3
11640 / 11640	DEF AT poor sample interval bottom	DEF AT 4
11760 / 11760	DEF AT poor sample interval top	POS AT 4
12270 / 12265	DEF AT poor sample interval bottom	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 84	Date of Summary: 01-JUL-1993	First Sample Examined: 9000
Lease Number: G08484	Source of Paleo: OPERATOR	Borehole MD: 15185
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 608174043100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 4 of 4	Sample Range: 9000 - 13600	Water Depth: 5195
Public Info Code: Y 16-FEB-2003	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12390 / 12382	DEF AT poor sample interval top	POS AT 4
12879 / 12858	DEF AT poor sample interval bottom	DEF AT 4
12880 / 12859	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
13060 / 13031	DEF AT poor sample interval top	POS AT 4
13119 / 13086	DEF AT poor sample interval bottom	DEF AT 3
13120 / 13087	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
13240 / 13199	DEF AT - - - - -	DEF AT 4
13480 / 13416	DEF AT poor sample interval top	POS AT 4
13540 / 13470	DEF AT poor sample interval bottom	DEF AT 4
13600 / 13524	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 109	Date of Summary: 22-NOV-1991	First Sample Examined: 0
Lease Number: G05825	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9882
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7050
API Well Number: 608174040900	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 140
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1030
Public Info Code: Y 10-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: 2420=Ehrenbergina fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2420 / 2403	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3260 / 3116	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
4460 / 3822	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5780 / 4624	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9100 / 6691	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 109	Date of Summary: 02-MAR-1992	First Sample Examined: 0
Lease Number: G05825	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7359
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7210
API Well Number: 608174041800	Drilling Operator: BP OIL CORPORATION	Rkb Elevation: 140
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1030
Public Info Code: Y 08-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5147	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
5600 / 5494	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
6350 / 6221	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
6650 / 6514	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 119	Date of Summary: 18-JUN-1999	First Sample Examined: 6680
Lease Number: G14629	Source of Paleo: OPERATOR	Borehole MD: 13804
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 13799
API Well Number: 608174084700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 6680 - 13802	Water Depth: 2875
Public Info Code: Y 18-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6680 / 6680	DEF AT first sample examined	DEF AT 4
6681 / 6681	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7340 / 7340	DEF AT local marker foram increase	DEF AT 4
7610 / 7610	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
7700 / 7699	DEF AT sample gap top	POS AT 4
9830 / 9828	DEF AT sample gap bottom	DEF AT 4
9890 / 9887	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
10160 / 10157	DEF IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
11180 / 11177	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12350 / 12346	DEF AT - - - - -	DEF IN 3
13190 / 13186	DEF AT - - - - -	DEF AT 4
13340 / 13336	DEF AT - - - - -	DEF IN 3
13790 / 13786	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 119	Date of Summary: 01-AUG-1999	First Sample Examined: 6680
Lease Number: G14629	Source of Paleo: OPERATOR	Borehole MD: 13804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13799
API Well Number: 608174084700	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 6680 - 13790	Water Depth: 2875
Public Info Code: Y 18-DEC-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6680 / 6680	DEF AT first sample examined	DEF AT
6681 / 6681	POS AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
6980 / 6980	DEF AT Lower Pliocene (Zanclian) Sphenolithus grandis	DEF AT
7190 / 7190	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
9770 / 9768	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
10010 / 10007	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10310 / 10307	POS IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
11420 / 11417	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
11870 / 11867	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
11990 / 11987	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
13790 / 13786	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 194	Date of Summary: 19-JUN-2002	First Sample Examined: 7387
Lease Number: G02639	Source of Paleo: OPERATOR	Borehole MD: 11461
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 8906
API Well Number: 608174010501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 7387 - 11200	Water Depth: 1024
Public Info Code: Y 10-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Paleo done by Ragan Biostrat, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7387 / 6686	DEF AT first sample examined	DEF AT 4
7573 / 6794	DEF AT - - - - -	DEF IN 3
7697 / 6862	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7759 / 6896	DEF AT local marker foram increase	DEF AT 4
7888 / 6965	DEF AT local marker (general)	DEF AT 4
7919 / 6982	DEF AT local marker foram increase	DEF AT 4
8156 / 7110	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8829 / 7471	DEF AT local marker foram increase	DEF AT 4
9108 / 7620	DEF AT local marker foram increase	DEF AT 4
9139 / 7637	DEF AT local marker foram increase	DEF AT 4
9723 / 7949	DEF AT local marker foram increase	DEF AT 4
9939 / 8068	DEF AT local marker foram increase	DEF AT 4
10348 / 8286	DEF AT - - - - -	DEF IN 3
10411 / 8320	DEF AT - - - - -	DEF AT 4
10590 / 8414	DEF AT local marker foram increase	DEF AT 4
10741 / 8493	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10802 / 8525	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10863 / 8557	DEF AT local marker foram increase	DEF AT 4
11200 / 8749	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 211	Date of Summary: 27-JUL-1990	First Sample Examined: 8050
Lease Number: G08803	Source of Paleo: OPERATOR	Borehole MD: 14670
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14665
API Well Number: 608174037300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 3	Sample Range: 8050 - 14670	Water Depth: 4356
Public Info Code: Y 24-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8050 / 8049	DEF AT first sample examined	DEF AT 6
8051 / 8050	DEF IN salt	DEF AT 6
8829 / 8828	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 6
8830 / 8829	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
10600 / 10599	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 6
10660 / 10659	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 6
11020 / 11019	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 6
11800 / 11798	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 6
11830 / 11828	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
11860 / 11858	DEF AT - - - - -	DEF AT 7
11950 / 11948	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 7
12160 / 12158	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 7
12280 / 12278	DEF AT - - - - -	DEF AT 6
13780 / 13775	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 6
14080 / 14075	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
14200 / 14195	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 6
14290 / 14285	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14670 / 14665	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 217	Date of Summary: 01-DEC-1994	First Sample Examined: 8130
Lease Number: G09790	Source of Paleo: OPERATOR	Borehole MD: 15981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14300
API Well Number: 608174049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 3	Sample Range: 8130 - 14550	Water Depth: 6420
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8130	DEF AT first sample examined	POS IN 4
8131 / 8131	DEF AT cement	POS IN 4
8189 / 8189	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
8190 / 8190	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
8219 / 8219	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
8220 / 8220	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
8460 / 8460	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 5
8730 / 8730	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
8760 / 8760	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
9330 / 9327	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
10860 / 10581	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
11070 / 10727	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11460 / 10994	POS IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
12060 / 11395	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
12600 / 11753	DEF AT Bathysiphon fauna	DEF AT 5
12870 / 11946	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
12930 / 11990	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
12960 / 12012	DEF AT pyrite	DEF AT 5
13470 / 12398	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 5
13890 / 12718	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
14250 / 12987	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14460 / 13145	DEF AT Eggerella sp. (local marker)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 217	Date of Summary: 01-DEC-1994	First Sample Examined: 8130
Lease Number: G09790	Source of Paleo: OPERATOR	Borehole MD: 15981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14300
API Well Number: 608174049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 3	Sample Range: 8130 - 14550	Water Depth: 6420
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14550 / 13212	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 217	Date of Summary: 01-DEC-1994	First Sample Examined: 13200
Lease Number: G09790	Source of Paleo: OPERATOR	Borehole MD: 15981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14300
API Well Number: 608174049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 2 of 3	Sample Range: 13200 - 15981	Water Depth: 6420
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13200 / 12193	DEF AT first sample examined	DEF AT 5
13350 / 12307	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
14189 / 12941	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 5
14190 / 12942	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
15981 / 14300	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 217	Date of Summary: 01-DEC-1994	First Sample Examined: 8130
Lease Number: G09790	Source of Paleo: OPERATOR	Borehole MD: 15981
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14300
API Well Number: 608174049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 3 of 3	Sample Range: 8130 - 14550	Water Depth: 6420
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8130	DEF AT first sample examined	DEF AT
8189 / 8189	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8190 / 8190	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8310 / 8310	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8370 / 8370	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
8549 / 8549	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
8550 / 8550	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
8730 / 8730	DEF AT Lower Pliocene (Zanclian) Discoaster quintatus	DEF AT
8760 / 8760	DEF AT Upper Miocene (Messinian) Discoaster variabilis (downdip)	DEF AT
8970 / 8970	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
9060 / 9060	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
9270 / 9268	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus (increase)	DEF AT
9480 / 9473	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10739 / 10496	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
10740 / 10497	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
13260 / 12238	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
13320 / 12284	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
13380 / 12330	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
13680 / 12558	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
13769 / 12626	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
13770 / 12627	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
14310 / 13032	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT

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 GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 217	Date of Summary: 01-DEC-1994	First Sample Examined: 8130
Lease Number: G09790	Source of Paleo: OPERATOR	Borehole MD: 15981
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14300
API Well Number: 608174049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 3 of 3	Sample Range: 8130 - 14550	Water Depth: 6420
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14460 / 13145	POS AT Middle Miocene (Serravallian) Discoaster musicus	DEF AT
14550 / 13212	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 5660
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 10976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10975
API Well Number: 608174058300	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5660 - 10970	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 10700=local Orbulina increase, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 /	DEF AT first sample examined	DEF AT 2
5661 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5750 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 2
5810 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5839 /	DEF AT local marker foram decrease	DEF AT 3
5840 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
5870 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
5930 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6260 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
6290 /	DEF AT faunal change (no faunal increase)	DEF IN 3
6410 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6470 /	DEF AT local marker foram increase	DEF AT 4
6890 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6950 /	DEF AT local marker foram decrease	DEF AT 4
7100 /	POS AT local marker foram increase	DEF AT 4
7310 /	DEF AT sand	DEF AT 3
7370 /	DEF AT local marker foram increase	DEF AT 4
7460 /	DEF AT local marker foram increase	DEF AT 4
7820 /	DEF AT local marker foram increase	DEF AT 4
8030 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 4
8120 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8360 /	DEF AT faunal change (no faunal increase)	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 5660
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 10976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10975
API Well Number: 608174058300	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5660 - 10970	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8930 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9020 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9590 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9890 /	DEF AT local marker foram increase	DEF AT 4
10100 /	DEF AT faunal change (no faunal increase)	DEF IN 3
10310 /	DEF AT local marker foram increase	DEF AT 4
10400 /	DEF AT local marker foram increase	DEF AT 4
10550 /	DEF AT faunal change (no faunal increase)	DEF IN 3
10700 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
10790 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
10970 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 23-FEB-1998	First Sample Examined: 5660
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 10976
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 10975
API Well Number: 608174058300	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5660 - 10976	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5660 /	DEF AT first sample examined	DEF AT
5661 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5780 /	DEF AT local marker floral increase	DEF AT
5899 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
5900 /	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
6350 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
6889 /	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT
6890 /	DEF AT Upper Miocene (Messinian) Discoaster decorus	DEF AT
7250 /	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
7790 /	DEF AT local marker floral increase	DEF AT
8030 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
9050 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
9920 /	DEF AT local marker floral increase	DEF AT
10280 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
10400 /	DEF AT out-of-place section	DEF AT
10700 /	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
10760 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
10976 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 10088
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 10088 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10088 / 10088	DEF AT first sample examined	POS AT 2
10089 / 10089	DEF IN Upper (Late) Miocene	POS AT 2
10130 / 10130	DEF AT faunal change (no faunal increase)	DEF AT 2
10190 / 10190	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
10250 / 10250	DEF AT local marker foram increase	DEF AT 3
10370 / 10369	DEF AT local marker foram increase	DEF AT 3
10550 / 10549	DEF AT local marker foram increase	DEF AT 4
10700 / 10699	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11060 / 11059	DEF AT local marker foram increase	DEF AT 4
11210 / 11209	DEF AT local marker foram increase	DEF AT 4
11450 / 11449	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
11660 / 11659	DEF AT faunal change (no faunal increase)	DEF AT 3
11780 / 11779	DEF AT faunal change (no faunal increase)	DEF AT 4
11810 / 11809	DEF AT reworked material	DEF AT 4
11870 / 11869	DEF AT pyrite	DEF AT 4
11900 / 11899	DEF AT reworked material	DEF AT 4
11930 / 11929	DEF AT faunal change (no faunal increase)	DEF AT 3
12200 / 12199	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12560 / 12558	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13250 / 13248	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13730 / 13728	DEF AT Bathysiphon fauna	DEF AT 3
13910 / 13908	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 10088
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 10088 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
14060 / 14058	DEF AT faunal change (no faunal increase)	DEF AT 4
14180 / 14178	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14360 / 14358	DEF AT local marker planktic foram increase	DEF AT 4
14480 / 14478	DEF AT faunal change (no faunal increase)	DEF AT 3
14540 / 14538	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14720 / 14718	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
15080 / 15078	DEF AT faunal change (no faunal increase)	DEF AT 3
15500 / 15498	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
15800 / 15798	DEF AT local marker foram increase	DEF AT 4
15950 / 15948	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
16190 / 16188	DEF AT Arenaceous fauna (local marker)	DEF AT 3
16309 / 16307	DEF AT dolomite	DEF AT 3
16310 / 16308	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
16490 / 16488	DEF AT local marker foram increase	DEF AT 4
16670 / 16668	DEF AT local marker foram increase	DEF AT 4
16820 / 16817	DEF AT faunal change (no faunal increase)	DEF AT 3
17030 / 17027	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
17120 / 17117	DEF AT Arenaceous fauna (local marker)	DEF AT 3
17720 / 17717	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
17810 / 17806	DEF AT limestone	DEF AT 4
17990 / 17986	DEF AT local marker foram increase	DEF AT 4
18050 / 18046	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
18170 / 18166	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
18350 / 18346	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 10088
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 10088 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18560 / 18556	DEF AT local marker foram increase	DEF AT 4
18620 / 18616	DEF AT faunal change (no faunal increase)	DEF AT 3
19040 / 19035	DEF AT local marker foram increase	DEF AT 3
19070 / 19065	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
19760 / 19755	DEF AT faunal change (no faunal increase)	DEF AT 3
20000 / 19995	DEF AT local marker foram increase	DEF AT 4
20270 / 20265	DEF AT faunal change (no faunal increase)	DEF AT 3
21740 / 21733	DEF AT Arenaceous fauna (local marker)	DEF AT 3
21860 / 21853	DEF AT local marker foram increase	DEF AT 4
21920 / 21913	DEF AT faunal change (no faunal increase)	DEF AT 3
21950 / 21943	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
22130 / 22123	DEF AT local marker foram increase	DEF AT 4
22190 / 22182	DEF AT faunal change (no faunal increase)	DEF AT 3
22400 / 22392	DEF AT local marker foram increase	DEF AT 4
22490 / 22482	DEF AT local marker foram increase	DEF AT 4
22760 / 22752	DEF AT Arenaceous fauna (local marker)	DEF AT 4
22850 / 22841	DEF AT faunal change (no faunal increase)	DEF AT 3
22940 / 22931	POS AT local marker planktic foram increase	DEF AT 3
23030 / 23020	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
23060 / 23050	DEF AT faunal change (no faunal increase)	DEF AT 4
23120 / 23109	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
23180 / 23169	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
23210 / 23199	DEF AT limestone	DEF AT 4
23360 / 23347	DEF AT Oligocene Anahuac Formation/Provincial Stage	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 20-FEB-1998	First Sample Examined: 10088
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 10088 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
23600 / 23584	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 4
23630 / 23613	DEF AT drilling material	DEF AT 4
23814 / 23798	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 23-FEB-1998	First Sample Examined: 11000
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 11000 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 / 10999	DEF AT first sample examined	DEF AT
11240 / 11239	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11540 / 11539	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11660 / 11659	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11720 / 11719	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
11840 / 11839	DEF AT reworked material	DEF AT
12380 / 12379	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
13220 / 13218	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
13940 / 13938	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
14780 / 14778	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
16100 / 16098	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
16280 / 16278	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
17000 / 16997	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
17720 / 17717	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus (increase)	DEF AT
18020 / 18016	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
18140 / 18136	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (increase)	DEF AT
18500 / 18496	DEF AT Middle Miocene (Serravallian) Discoaster divaricatus	DEF AT
19100 / 19095	DEF AT Middle Miocene (Serravallian) Sphenolithus moriformis	DEF AT
21800 / 21793	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
23060 / 23050	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
23120 / 23109	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
23180 / 23169	DEF AT Lower Miocene (Aquitainian) Cyclicargolithus abisectus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 247	Date of Summary: 23-FEB-1998	First Sample Examined: 11000
Lease Number: G13682	Source of Paleo: OPERATOR	Borehole MD: 23815
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23799
API Well Number: 608174058301	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 11000 - 23814	Water Depth: 3030
Public Info Code: Y 08-JUN-2001	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
23240 / 23228	DEF AT Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF AT
23360 / 23347	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
23420 / 23406	DEF AT Lower Oligocene (Rupelian) Helicosphaera compacta	DEF AT
23600 / 23584	DEF AT Lower Oligocene (Rupelian) Sphenolithus pseudoradians	DEF AT
23814 / 23798	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 01-MAR-2000	First Sample Examined: 5840
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 13759
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11585
API Well Number: 608174087000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 3	Sample Range: 5840 - 13759	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Paleo done by Bruce Robertson

MD / TVD	Paleo Top Description	Ecozone
5840 / 5840	DEF AT - - - - -	DEF IN 4
6020 / 6020	DEF IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 4
6110 / 6110	DEF AT local marker planktic foram increase	DEF IN 4
6290 / 6290	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
6380 / 6380	POS AT gouge	DEF AT 5
6470 / 6470	DEF AT - - - - -	DEF IN 4
6650 / 6649	DEF AT gypsum	DEF AT 5
7100 / 7094	DEF AT calcite	DEF AT
11960 / 10578	DEF AT - - - - -	DEF IN 4
11990 / 10595	DEF AT gouge	DEF IN 4
12020 / 10612	DEF AT - - - - -	DEF AT 4
12080 / 10647	DEF AT - - - - -	DEF IN 4
12140 / 10681	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
12170 / 10698	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
12670 / 10988	DEF AT local marker foram increase	DEF IN 4
12710 / 11011	DEF AT - - - - -	DEF AT 0
12770 / 11045	DEF AT - - - - -	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 5840
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 13759
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11585
API Well Number: 608174087000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 2 of 3	Sample Range: 5840 - 13759	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5840 / 5840	DEF AT first sample examined	DEF AT
5990 / 5990	DEF IN Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT
6020 / 6020	DEF AT - - - -	DEF IN 4
6290 / 6290	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
6350 / 6350	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
6380 / 6380	DEF AT gouge	DEF AT 5
6381 / 6381	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
6382 / 6382	DEF IN Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
6440 / 6440	DEF AT salt	DEF AT
11960 / 10578	DEF AT base of salt	DEF AT
11990 / 10595	DEF AT - - - -	DEF IN 4
12140 / 10681	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
12230 / 10733	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF IN 4
12660 / 10983	DEF AT - - - -	DEF AT 4
12950 / 11145	DEF AT - - - -	DEF IN 4
13610 / 11517	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
13759 / 11601	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 5840
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 13759
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11585
API Well Number: 608174087000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 3 of 3	Sample Range: 5840 - 13730	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report done by R E Constans, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5840	DEF AT first sample examined	DEF AT
5990 / 5990	POS AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6230 / 6230	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6350 / 6350	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6380 / 6380	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
11930 / 10561	POS AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
12020 / 10612	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12320 / 10785	POS IN Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
13610 / 11517	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13759 / 11601	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 01-FEB-2000	First Sample Examined: 10820
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 12244
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11778
API Well Number: 608174087001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 3	Sample Range: 10820 - 12320	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Paleo done by Bruce Robertson

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10820 / 10484	DEF AT first sample examined	DEF IN 4
10821 / 10485	DEF AT base of salt	DEF IN 4
11420 / 11002	DEF AT - - - - -	DEF AT 4
11540 / 11105	DEF AT local marker foram increase	DEF IN 4
11899 / 11415	POS AT reworked material	DEF IN 4
11900 / 11415	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 4
12320 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 7490
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 12244
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11778
API Well Number: 608174087001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 2 of 3	Sample Range: 7490 - 12338	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 / 7475	DEF AT first sample examined	DEF AT
10808 / 10474	DEF AT base of salt	DEF AT
10820 / 10484	DEF AT - - - -	DEF IN 4
10880 / 10536	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
11090 / 10718	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF IN 4
12320 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
12338 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 01-AUG-2000	First Sample Examined: 7490
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 12244
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11778
API Well Number: 608174087001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 3 of 3	Sample Range: 7490 - 12338	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 / 7475	DEF AT first sample examined	DEF AT
11090 / 10718	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
12320 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
12338 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 10680
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 17013
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 608174087002	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 3	Sample Range: 10680 - 17013	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 15450=bottom limit of forams examined, paleobathymetry below is therefore uninterpreted, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
10680 / 10470	DEF AT first sample examined	DEF AT 5
11310 / 10989	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
12690 / 12199	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
12780 / 12286	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
13500 / 12995	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
14100 / 13593	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
15120 / 14611	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
15480 / 14970	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15540 / 15030	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
16440 / 15928	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
17013 / 16500	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 10680
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 17013
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 608174087002	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 2 of 3	Sample Range: 10680 - 17013	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 / 10470	DEF AT first sample examined	DEF AT
11010 / 10741	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11310 / 10989	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT
12690 / 12199	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13500 / 12995	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14100 / 13593	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15480 / 14970	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15540 / 15030	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
16440 / 15928	DEF IN Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
17013 / 16500	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 248	Date of Summary: 31-JUL-2000	First Sample Examined: 10680
Lease Number: G13114	Source of Paleo: OPERATOR	Borehole MD: 17013
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 608174087002	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 3 of 3	Sample Range: 10680 - 15450	Water Depth: 3290
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Paleo done by Bruce Robertson

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 / 10470	DEF AT first sample examined	DEF AT
10681 / 10471	DEF IN salt	DEF AT
10950 / 10692	DEF AT gouge	DEF AT
10980 / 10717	DEF AT base of salt	DEF AT
11000 / 10733	DEF AT - - - - -	DEF AT 5
11279 / 10963	DEF AT reworked material	DEF AT 5
11280 / 10964	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
11730 / 11336	DEF AT local marker foram decrease	DEF AT 5
12179 / 11724	DEF AT reworked material	DEF AT 5
12180 / 11725	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
12660 / 12171	DEF AT local marker foram increase	DEF AT 5
12780 / 12286	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
14160 / 13653	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
14220 / 13713	DEF AT local marker foram decrease	DEF AT 5
14460 / 13952	DEF AT local marker foram increase	DEF AT 5
14640 / 14132	DEF AT drilling material	DEF AT 5
15120 / 14611	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
15180 / 14671	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15240 / 14731	DEF AT local marker foram increase	DEF AT 5
15360 / 14851	DEF AT local marker foram increase	DEF AT 5
15420 / 14910	DEF AT local marker foram decrease	DEF AT 5
15450 / 14940	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 311	Date of Summary: 09-SEP-1993	First Sample Examined: 8110
Lease Number: G03799	Source of Paleo: OPERATOR	Borehole MD: 13036
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11357
API Well Number: 608174044500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1580 - 13037	Water Depth: 555
Public Info Code: Y 04-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1580 / 1580	DEF AT first sample examined	POS AT 3
8510 / 8505	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9410 / 9356	DEF AT sample gap top	POS IN 3
10910 / 10338	DEF AT sample gap bottom	DEF IN 3
11060 / 10414	DEF AT sample gap top	POS IN 3
12500 / 11094	DEF AT sample gap bottom	DEF IN 3
13037 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 357	Date of Summary: 02-JAN-1992	First Sample Examined: 2050
Lease Number: G10988	Source of Paleo: OPERATOR	Borehole MD: 7519
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7519
API Well Number: 608174041400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2050 - 7519	Water Depth: 397
Public Info Code: Y 22-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 / 2050	DEF AT first sample examined	DEF IN 3
2200 / 2200	DEF AT local marker deep water fauna	DEF AT 4
2500 / 2500	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3580 / 3580	DEF AT sample gap top	POS AT 4
4509 / 4509	DEF AT sample gap bottom	DEF AT 5
4510 / 4510	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4600 / 4600	DEF AT pyrite	DEF AT 5
4840 / 4840	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5110 / 5110	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5380 / 5380	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5440 / 5440	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5800 / 5800	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6790 / 6789	DEF AT glauconite	DEF AT 4
6820 / 6819	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
7177 / 7175	DEF AT pyrite	DEF AT 4
7178 / 7176	POS AT glauconite	DEF AT 4
7179 / 7177	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7180 / 7178	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7270 / 7268	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7390 / 7388	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7519 / 7516	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 357	Date of Summary: 02-JAN-1992	First Sample Examined: 4390
Lease Number: G10988	Source of Paleo: OPERATOR	Borehole MD: 8810
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8552
API Well Number: 608174041402	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4390 - 8810	Water Depth: 397
Public Info Code: Y 19-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4390 / 4389	DEF AT first sample examined	DEF IN 4
4480 / 4479	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4570 / 4569	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5168 / 5156	DEF AT pyrite	DEF AT 5
5169 / 5157	DEF AT glauconite	DEF AT 5
5170 / 5158	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5530 / 5497	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5560 / 5525	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6100 / 6029	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7240 / 7096	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7630 / 7460	DEF AT local marker foram increase	DEF AT 5
7688 / 7514	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7689 / 7515	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7690 / 7515	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8810 / 8554	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 365	Date of Summary: 19-DEC-1989	First Sample Examined: 2880
Lease Number: G05841	Source of Paleo: OPERATOR	Borehole MD: 10190
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8474
API Well Number: 608174037001	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2880 - 10170	Water Depth: 618
Public Info Code: Y 06-JAN-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2880 / 2803	DEF AT first sample examined	DEF AT 3
2970 / 2883	DEF IN Upper Pleistocene	DEF AT 3
6000 / 5284	DEF AT local marker foram increase	DEF AT 4
6180 / 5422	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6750 / 5859	DEF AT - - - - -	DEF AT 3
7050 / 6088	DEF AT - - - - -	DEF AT 4
7410 / 6364	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7710 / 6595	DEF AT - - - - -	DEF AT 3
8400 / 7110	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8850 / 7438	DEF AT local marker foram increase	DEF AT 3
10170 / 8420	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 365	Date of Summary: 09-OCT-1995	First Sample Examined: 0
Lease Number: G05841	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10079
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9100
API Well Number: 608174040800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 619
Public Info Code: Y 18-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5577 / 5571	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6268 / 6203	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9170 / 8412	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 392	Date of Summary: 06-DEC-2001	First Sample Examined: 10475
Lease Number: G21169	Source of Paleo: OPERATOR	Borehole MD: 18225
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18218
API Well Number: 608174095100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 10475 - 18210	Water Depth: 7291
Public Info Code: Y 29-APR-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, 18030=early Eocene Toweius gammation, 18090=Campanian Eiffellithus turriseiffelii, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
10475 / 10475	DEF AT first sample examined	DEF AT
10476 / 10476	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10770 / 10770	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10950 / 10950	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
11640 / 11640	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12360 / 12360	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
12510 / 12510	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
12810 / 12810	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
13140 / 13140	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
13620 / 13620	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
15030 / 15029	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
15360 / 15359	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
15780 / 15779	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis (increase)	DEF AT
16230 / 16229	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
16590 / 16589	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
17010 / 17008	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
17460 / 17457	POS AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
18000 / 17995	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
18030 / 18024	POS AT Lower Eocene (Ypresian) Toweius crassus	DEF AT
18060 / 18054	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
18090 / 18084	DEF AT Upper Cretaceous Campanian Stage	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 392	Date of Summary: 06-DEC-2001	First Sample Examined: 10475
Lease Number: G21169	Source of Paleo: OPERATOR	Borehole MD: 18225
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18218
API Well Number: 608174095100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 10475 - 18210	Water Depth: 7291
Public Info Code: Y 29-APR-2003	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18180 / 18173	POS AT Upper Cretaceous (Campanian) Reinhardites anthophorus "A"	DEF AT
18210 / 18203	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 392	Date of Summary: 10-DEC-2001	First Sample Examined: 10475
Lease Number: G21169	Source of Paleo: OPERATOR	Borehole MD: 18225
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18218
API Well Number: 608174095100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 10475 - 18210	Water Depth: 7291
Public Info Code: Y 29-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10475 / 10475	DEF AT first sample examined	DEF AT 5
10860 / 10860	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11610 / 11610	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
13320 / 13320	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13410 / 13410	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
13620 / 13620	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
14190 / 14189	DEF AT - - - -	DEF IN 4
15060 / 15059	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 4
15510 / 15509	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 4
16620 / 16619	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
17010 / 17008	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 4
17910 / 17905	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 4
17970 / 17965	POS AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF IN 4
18030 / 18024	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF IN 4
18090 / 18084	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF IN 4
18180 / 18173	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF IN 4
18210 / 18203	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 10-JUL-1990	First Sample Examined: 2500
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 12383
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8575
API Well Number: 608174038100	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2500 - 12383	Water Depth: 1431
Public Info Code: Y 07-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF IN 4
2590 / 2589	DEF AT local marker benthic foram increase	DEF AT 5
2740 / 2737	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
2980 / 2963	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5320 / 4166	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5410 / 4193	DEF AT local marker deep water fauna	DEF AT 5
7360 / 4953	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
7420 / 4982	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7660 / 5102	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8260 / 5450	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
8650 / 5717	DEF AT faunal change (no faunal increase)	DEF AT 3
8710 / 5759	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8800 / 5821	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
9130 / 6057	DEF AT local marker foram decrease	DEF AT 3
9940 / 6662	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10090 / 6774	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10390 / 6999	DEF AT local marker benthic foram increase	DEF AT 3
10930 / 7429	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
11740 / 8073	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
11950 / 8236	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11980 / 8258	POS AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 3
12383 / 8576	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 10-JUL-1990	First Sample Examined: 2500
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 12383
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8575
API Well Number: 608174038100	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2500 - 12383	Water Depth: 1431
Public Info Code: Y 07-JUL-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF AT
3940 / 3703	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7210 / 4884	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7660 / 5102	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8830 / 5842	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11290 / 7716	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12130 / 8375	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12383 / 8576	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 25-APR-1990	First Sample Examined: 2660
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 8659
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7389
API Well Number: 608174037600	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2660 - 8630	Water Depth: 1427
Public Info Code: Y 01-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2660 / 2660	DEF AT first sample examined	DEF IN 3
3200 / 3195	DEF AT - - - - -	DEF AT 4
4370 / 4179	DEF AT - - - - -	DEF AT 5
4430 / 4224	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5300 / 4853	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6710 / 5837	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7910 / 6780	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8630 / 7365	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 25-APR-1990	First Sample Examined: 2660
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 8659
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7389
API Well Number: 608174037600	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2660 - 8630	Water Depth: 1427
Public Info Code: Y 01-APR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2660 / 2660	DEF AT first sample examined	DEF AT
3020 / 3019	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5180 / 4769	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6530 / 5700	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7520 / 6467	POS IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7700 / 6610	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8030 / 6877	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
8630 / 7365	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 01-MAY-1990	First Sample Examined: 8240
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 10750
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8358
API Well Number: 608174037601	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 8240 - 10750	Water Depth: 1427
Public Info Code: Y 12-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8240 / 6502	DEF AT first sample examined	DEF AT 5
8241 / 6503	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
9020 / 7055	DEF AT - - - - -	DEF AT 4
9440 / 7339	DEF AT - - - - -	DEF AT 3
9530 / 7400	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10750 / 8188	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 01-MAY-1990	First Sample Examined: 8180
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 10750
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8358
API Well Number: 608174037601	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 8180 - 10750	Water Depth: 1427
Public Info Code: Y 12-MAY-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8180 / 6458	DEF AT first sample examined	DEF AT
8181 / 6458	DEF IN Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9620 / 7459	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10750 / 8188	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 28-JUL-1993	First Sample Examined: 0
Lease Number: G05080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12296
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 7151
API Well Number: 608174041500	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1438
Public Info Code: Y 14-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7910 / 5643	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8270 / 5778	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10230 / 6476	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10400 / 6536	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 441	Date of Summary: 21-JUN-1993	First Sample Examined: 0
Lease Number: G09814	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8222
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6886
API Well Number: 608174041600	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1438
Public Info Code: Y 07-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5421	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5775 / 5716	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
6950 / 6366	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 04-SEP-1990	First Sample Examined: 2500
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 10173
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 8127
API Well Number: 608174038400	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2500 - 10160	Water Depth: 1531
Public Info Code: Y 20-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF IN 3
2800 / 2800	DEF AT - - - - -	DEF AT 4
2830 / 2830	DEF AT - - - - -	DEF AT 5
3220 / 3218	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5590 / 5099	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6490 / 5755	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7720 / 6618	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8470 / 7080	DEF AT - - - - -	DEF AT 3
8770 / 7262	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9070 / 7446	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9400 / 7650	DEF AT - - - - -	DEF AT 5
10160 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 04-SEP-1990	First Sample Examined: 2500
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 10173
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 8127
API Well Number: 608174038400	Drilling Operator: ENSERCH EXPLORATION INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2500 - 10160	Water Depth: 1531
Public Info Code: Y 20-SEP-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF AT
3580 / 3563	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5559 / 5077	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5560 / 5078	POS AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
7720 / 6618	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8770 / 7262	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
8860 / 7317	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9980 /	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10130 /	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
10160 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 10-SEP-1991	First Sample Examined: 2630
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 10600
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7368
API Well Number: 608174040000	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2630 - 10600	Water Depth: 1531
Public Info Code: Y 04-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2630 / 2630	DEF AT first sample examined	DEF AT 3
2720 / 2720	DEF AT - - - -	DEF AT 4
2840 / 2840	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3560 / 3518	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3740 / 3672	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4260 / 4085	DEF AT local marker deep water fauna	DEF AT 5
4470 / 4241	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5640 / 4914	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
6690 / 5450	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
7050 / 5635	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8100 / 6177	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8640 / 6435	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
8700 / 6463	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
9480 / 6826	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
9690 / 6925	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF IN 5
9930 / 7042	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9960 / 7057	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 5
10109 / 7131	POS AT reworked material	DEF IN 5
10110 / 7131	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10290 / 7219	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 5
10600 / 7368	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 10-SEP-1991	First Sample Examined: 2630
Lease Number: G05080	Source of Paleo: OPERATOR	Borehole MD: 11030
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7095
API Well Number: 608174040002	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2630 - 10600	Water Depth: 1531
Public Info Code: Y 08-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2630 / 2630	DEF AT first sample examined	DEF AT 3
2720 / 2720	DEF AT - - - - -	DEF AT 4
2840 / 2840	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3740 / 3672	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4260 / 4085	DEF AT - - - - -	DEF AT 5
5910 / 5060	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5940 / 5074	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7050 / 5542	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
8730 / 6151	DEF AT - - - - -	DEF IN 5
8790 / 6173	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
9930 / 6639	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
10110 / 6714	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
10600 / 6917	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 26-JAN-1993	First Sample Examined: 0
Lease Number: G05080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11030
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 7095
API Well Number: 608174040002	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 1531
Public Info Code: Y 30-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5975 / 5091	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
7120 / 5569	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8395 / 6032	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
9060 / 6278	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 442	Date of Summary: 21-JAN-1993	First Sample Examined: 0
Lease Number: G05080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 7458
API Well Number: 608174040100	Drilling Operator: EP OPERATING LIMITED PARTNER	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1531
Public Info Code: Y 26-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7570 / 5752	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
9360 / 6634	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
10580 / 7301	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 486	Date of Summary: 22-MAY-1991	First Sample Examined: 0
Lease Number: G06957	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13255
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7973
API Well Number: 608174039300	Drilling Operator: AEDC USA INC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 582
Public Info Code: Y 08-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 4663	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9496 / 6321	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9863 / 6497	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 486	Date of Summary: 10-APR-1991	First Sample Examined: 0
Lease Number: G06958	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11859
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8131
API Well Number: 608174039100	Drilling Operator: AEDC USA INC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 582
Public Info Code: Y 07-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 4720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8688 / 6402	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8828 / 6468	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 486	Date of Summary: 31-JAN-1991	First Sample Examined: 0
Lease Number: G06962	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14405
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 608174038900	Drilling Operator: AEDC USA INC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 582
Public Info Code: Y 08-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 / 4795	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10110 / 6199	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10976 / 6529	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 541	Date of Summary: 01-JUL-1999	First Sample Examined: 0
Lease Number: G18255	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8891
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8775
API Well Number: 608174084600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 2016
Public Info Code: Y 29-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6390 / 6389	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7260 / 7234	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7920 / 7862	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8310 / 8230	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8331 / 8250	DEF AT condensed section	DEF AT
8400 / 8314	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8405 / 8319	DEF AT condensed section	DEF AT
8420 / 8333	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8460 / 8371	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8550 / 8455	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8790 / 8680	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 541	Date of Summary: 01-JAN-2000	First Sample Examined: 3780
Lease Number: G18255	Source of Paleo: OPERATOR	Borehole MD: 8891
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8775
API Well Number: 608174084600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3780 - 8850	Water Depth: 2016
Public Info Code: Y 29-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Nag Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 3780	DEF AT first sample examined	POS AT 2
3840 / 3840	DEF AT - - - - -	DEF AT 2
4260 / 4260	DEF AT local marker (general)	DEF AT 2
5490 / 5490	DEF AT local marker (general)	DEF AT 2
5730 / 5730	DEF AT local marker (general)	DEF AT 2
5910 / 5910	DEF AT local marker (general)	DEF AT 2
6270 / 6269	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 2
6390 / 6389	DEF AT local marker (general)	DEF AT 2
6660 / 6656	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT 2
7290 / 7263	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT 2
7440 / 7406	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
7920 / 7862	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
8280 / 8202	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 4
8310 / 8230	DEF IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 4
8340 / 8258	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
8400 / 8314	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF IN 4
8409 / 8323	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF IN 4
8410 / 8324	DEF AT Upper Pliocene (Gelasian) Globorotalia praeahirsuta	DEF IN 4
8460 / 8371	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
8461 / 8372	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF IN 4
8530 / 8436	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 4
8531 / 8437	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 541	Date of Summary: 01-JAN-2000	First Sample Examined: 3780
Lease Number: G18255	Source of Paleo: OPERATOR	Borehole MD: 8891
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8775
API Well Number: 608174084600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3780 - 8850	Water Depth: 2016
Public Info Code: Y 29-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8455	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
8640 / 8540	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
8730 / 8624	DEF AT Lower Pliocene (Zanclian) Discoaster quintatus	DEF IN 4
8790 / 8680	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF IN 4
8850 / 8736	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 545	Date of Summary: 04-NOV-1998	First Sample Examined: 3898
Lease Number: G15489	Source of Paleo: OPERATOR	Borehole MD: 12114
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12050
API Well Number: 608174081900	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 4	Sample Range: 3898 - 12114	Water Depth: 2407
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3898 / 3897	DEF AT first sample examined	DEF AT
6210 / 6193	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6450 / 6422	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6720 / 6681	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6780 / 6739	DEF AT sample gap top	DEF AT
6809 / 6767	DEF AT sample gap bottom	DEF AT
6810 / 6768	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6900 / 6855	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6930 / 6884	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6990 / 6943	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7110 / 7060	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7140 / 7089	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8430 / 8367	POS AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8790 / 8726	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9720 / 9656	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10110 / 10046	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
11220 / 11156	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
12114 / 12050	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 545	Date of Summary: 04-NOV-1998	First Sample Examined: 12117
Lease Number: G15489	Source of Paleo: OPERATOR	Borehole MD: 12114
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12050
API Well Number: 608174081900	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 4	Sample Range: 12117 - 14500	Water Depth: 2407
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for bypass 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12117 /	DEF AT first sample examined	DEF AT
12210 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
14500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 545	Date of Summary: 05-NOV-1998	First Sample Examined: 3898
Lease Number: G15489	Source of Paleo: OPERATOR	Borehole MD: 12114
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12050
API Well Number: 608174081900	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 73
Paleo Report Num: 3 of 4	Sample Range: 3898 - 12114	Water Depth: 2407
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3898 / 3897	DEF AT first sample examined	DEF AT
3899 / 3898	DEF AT cement	DEF AT
4140 / 4139	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
4230 / 4229	DEF AT - - - - -	DEF AT 4
6270 / 6250	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6330 / 6307	DEF AT - - - - -	DEF AT 5
6510 / 6479	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6900 / 6855	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
6930 / 6884	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
6990 / 6943	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7920 / 7857	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
8820 / 8756	DEF AT - - - - -	DEF AT 6
9690 / 9626	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10230 / 10166	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11190 / 11126	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
12114 / 12050	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 545	Date of Summary: 05-NOV-1998	First Sample Examined: 12117
Lease Number: G15489	Source of Paleo: OPERATOR	Borehole MD: 12114
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12050
API Well Number: 608174081900	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 73
Paleo Report Num: 4 of 4	Sample Range: 12117 - 13710	Water Depth: 2407
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Foram report for bypass 1

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12117 /	DEF AT first sample examined	DEF AT 6
13710 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
14500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 546	Date of Summary: 22-JUL-1998	First Sample Examined: 3828
Lease Number: G25098	Source of Paleo: OPERATOR	Borehole MD: 10224
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10190
API Well Number: 608174081000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 3828 - 10224	Water Depth: 2505
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3828 / 3828	DEF AT first sample examined	DEF AT
6230 / 6227	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6440 / 6436	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6770 / 6764	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6800 / 6794	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6830 / 6824	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6890 / 6883	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6920 / 6913	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7130 / 7122	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8450 / 8432	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8780 / 8759	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9560 / 9533	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9890 / 9859	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10224 / 10190	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 546	Date of Summary: 24-JUL-1998	First Sample Examined: 3828
Lease Number: G25098	Source of Paleo: OPERATOR	Borehole MD: 10224
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10190
API Well Number: 608174081000	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 3828 - 10224	Water Depth: 2505
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3828 / 3828	DEF AT first sample examined	DEF AT
3829 / 3829	DEF IN cement	DEF AT
4040 / 4040	DEF AT - - - -	DEF AT 5
4460 / 4460	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6440 / 6436	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6740 / 6734	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
6800 / 6794	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
6830 / 6824	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
6890 / 6883	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
6920 / 6913	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
7010 / 7003	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7490 / 7480	DEF AT - - - -	DEF AT 5
8540 / 8521	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8660 / 8640	DEF AT - - - -	DEF AT 6
8690 / 8670	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9920 / 9889	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
10224 / 10190	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 546	Date of Summary: 22-JUL-1998	First Sample Examined: 10224
Lease Number: G25098	Source of Paleo: OPERATOR	Borehole MD: 18090
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17499
API Well Number: 608174081001	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 10224 - 18090	Water Depth: 2503
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10224 / 10199	DEF AT first sample examined	DEF AT
10850 / 10822	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
12080 / 12047	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14480 / 14380	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15410 / 15157	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15530 / 15254	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
16880 / 16401	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
17000 / 16508	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
18090 / 17500	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 546	Date of Summary: 24-JUL-1998	First Sample Examined: 10224
Lease Number: G25098	Source of Paleo: OPERATOR	Borehole MD: 18090
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17499
API Well Number: 608174081001	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 10224 - 18090	Water Depth: 2503
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10224 / 10199	DEF AT first sample examined	DEF AT 6
10880 / 10852	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
11390 / 11360	DEF AT faunal change (no faunal increase)	DEF AT 5
12680 / 12646	DEF AT faunal change (no faunal increase)	DEF AT 6
13310 / 13268	DEF AT faunal change (no faunal increase)	DEF AT 5
13580 / 13528	DEF AT faunal change (no faunal increase)	DEF AT 4
14090 / 14013	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
16430 / 16008	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
16610 / 16164	DEF AT faunal change (no faunal increase)	DEF AT 5
16820 / 16348	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
17810 / 17241	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
18090 / 17500	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 584	Date of Summary: 12-MAY-1998	First Sample Examined: 0
Lease Number: G14010	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16302
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16082
API Well Number: 608174057700	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2350
Public Info Code: Y 21-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9440 / 9225	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9470 / 9255	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 587	Date of Summary: 29-NOV-2001	First Sample Examined: 5250
Lease Number: G16625	Source of Paleo: OPERATOR	Borehole MD: 8718
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8712
API Well Number: 608174094900	Drilling Operator: BP EXPLORATION & PRODUCTION INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 5250 - 8700	Water Depth: 2338
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5250 / 5246	DEF AT first sample examined	DEF AT 6
5280 / 5276	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 6
5370 / 5366	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 6
5760 / 5756	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 6
6000 / 5996	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 6
6030 / 6026	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 6
6270 / 6266	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 6
6390 / 6386	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 6
6419 / 6415	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 6
6420 / 6416	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 6
6448 / 6444	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 6
6449 / 6445	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 6
6450 / 6446	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 6
6500 / 6496	DEF AT faunal change (no faunal increase)	DEF IN 6
6780 / 6776	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN 6
6870 / 6866	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF IN 6
6900 / 6896	DEF AT out-of-place section	DEF IN 6
6959 / 6954	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 6
6960 / 6955	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 6
7980 / 7975	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 6
8500 / 8494	DEF AT last sample examined	DEF IN 6

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 587	Date of Summary: 18-FEB-2002	First Sample Examined: 6750
Lease Number: G16625	Source of Paleo: OPERATOR	Borehole MD: 14068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14056
API Well Number: 608174094901	Drilling Operator: BP EXPLORATION & PRODUCTION INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 6750 - 13920	Water Depth: 2338
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6750 / 6746	DEF AT first sample examined	DEF IN 6
6751 / 6747	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF IN 6
6840 / 6836	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF IN 6
6900 / 6896	DEF AT out-of-place section	DEF IN 6
6990 / 6986	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF IN 6
7740 / 7735	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF IN 6
7800 / 7795	DEF AT local marker floral increase	DEF IN 6
8639 / 8630	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF IN 6
8640 / 8631	DEF AT Lower Pliocene (Zanclian) Discoaster quintatus	DEF IN 6
8879 / 8869	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF IN 6
8880 / 8870	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 6
9690 / 9678	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 6
9720 / 9708	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF IN 6
10950 / 10938	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF IN 6
12090 / 12078	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF IN 6
12300 / 12288	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 6
12810 / 12798	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF IN 6
12838 / 12826	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF IN 6
12839 / 12827	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF IN 6
12840 / 12828	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 6
12960 / 12948	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF IN 6
13620 / 13608	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 587	Date of Summary: 18-FEB-2002	First Sample Examined: 6750
Lease Number: G16625	Source of Paleo: OPERATOR	Borehole MD: 14068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14056
API Well Number: 608174094901	Drilling Operator: BP EXPLORATION & PRODUCTION INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 6750 - 13920	Water Depth: 2338
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13920 / 13908	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 617	Date of Summary: 27-JUL-2004	First Sample Examined: 2932
Lease Number: G18265	Source of Paleo: OPERATOR	Borehole MD: 19272
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19173
API Well Number: 608174104400	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 2932 - 19272	Water Depth: 563
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2932 / 2932	DEF AT first sample examined	DEF AT 4
2933 / 2933	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4310 / 4309	DEF AT - - - - -	DEF AT 5
4370 / 4369	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4640 / 4637	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5720 / 5713	DEF AT - - - - -	DEF IN 5
5750 / 5743	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
5840 / 5833	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
5900 / 5892	DEF AT - - - - -	DEF AT 5
6680 / 6669	DEF AT - - - - -	DEF IN 5
7100 / 7088	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7130 / 7118	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7190 / 7178	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
7220 / 7208	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7430 / 7417	DEF AT - - - - -	DEF AT 5
8510 / 8495	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
13730 / 13638	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
13731 / 13639	DEF AT anhydrite	DEF AT 5
13732 / 13640	POS AT salt	DEF AT 5
13790 / 13698	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
13970 / 13878	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
15800 / 15708	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 617	Date of Summary: 27-JUL-2004	First Sample Examined: 2932
Lease Number: G18265	Source of Paleo: OPERATOR	Borehole MD: 19272
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19173
API Well Number: 608174104400	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 2932 - 19272	Water Depth: 563
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18560 / 18463	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
19272 / 19173	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 617	Date of Summary: 27-JUL-2004	First Sample Examined: 4010
Lease Number: G18265	Source of Paleo: OPERATOR	Borehole MD: 19272
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19173
API Well Number: 608174104400	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 4010 - 19272	Water Depth: 563
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 4010	DEF AT first sample examined	DEF AT
4310 / 4309	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5270 / 5264	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
5720 / 5713	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5750 / 5743	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5840 / 5833	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6680 / 6669	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6740 / 6729	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6980 / 6968	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7070 / 7058	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7100 / 7088	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7130 / 7118	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7160 / 7148	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8630 / 8614	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10670 / 10648	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13430 / 13339	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
13730 / 13638	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13760 / 13668	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT
13790 / 13698	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13820 / 13728	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
13910 / 13818	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
13970 / 13878	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 617	Date of Summary: 27-JUL-2004	First Sample Examined: 4010
Lease Number: G18265	Source of Paleo: OPERATOR	Borehole MD: 19272
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19173
API Well Number: 608174104400	Drilling Operator: MARINER GULF OF MEXICO LLC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 4010 - 19272	Water Depth: 563
Public Info Code: Y 02-SEP-2004	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15290 / 15198	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT
15410 / 15318	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
15800 / 15708	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
17240 / 17146	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
18500 / 18403	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
19010 / 18912	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
19272 / 19173	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 620	Date of Summary: 28-SEP-1999	First Sample Examined: 4020
Lease Number: G13683	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10948
API Well Number: 608174084900	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 4020 - 11000	Water Depth: 2167
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4020 / 4020	DEF AT first sample examined	DEF AT 4
4950 / 4950	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
5220 / 5220	DEF AT - - - -	DEF AT 5
5490 / 5490	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6360 / 6360	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
7320 / 7320	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
7440 / 7440	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
7530 / 7530	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7590 / 7590	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7620 / 7620	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
7650 / 7650	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7800 / 7800	DEF AT - - - -	DEF AT 5
8850 / 8843	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9900 / 9859	DEF AT - - - -	DEF AT 6
9930 / 9888	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10770 / 10719	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
11000 / 10947	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 620	Date of Summary: 28-SEP-1999	First Sample Examined: 4020
Lease Number: G13683	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10948
API Well Number: 608174084900	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 4020 - 11000	Water Depth: 2167
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	DEF AT
5280 / 5280	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5910 / 5910	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6330 / 6330	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6360 / 6360	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7290 / 7290	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7440 / 7440	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7500 / 7500	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
7530 / 7530	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7620 / 7620	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7830 / 7830	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7860 / 7860	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8550 / 8547	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8880 / 8872	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9000 / 8990	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10770 / 10719	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
11000 / 10947	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 632	Date of Summary: 01-SEP-2000	First Sample Examined: 4500
Lease Number: G15498	Source of Paleo: OPERATOR	Borehole MD: 10548
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10500
API Well Number: 608174089300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 4500 - 10548	Water Depth: 2795
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT
4501 / 4501	DEF IN Holocene Globorotalia inflata	DEF AT
4890 / 4890	DEF AT - - - - -	DEF IN 3
5250 / 5250	DEF AT - - - - -	DEF AT 4
5370 / 5370	DEF AT - - - - -	DEF IN 3
5860 / 5860	DEF AT local marker foram increase	DEF IN 4
5890 / 5890	DEF AT - - - - -	DEF AT 5
5950 / 5950	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
6010 / 6010	DEF AT - - - - -	DEF AT 4
6490 / 6490	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6820 / 6820	DEF AT - - - - -	DEF IN 4
6850 / 6850	DEF AT local marker foram increase	DEF IN 4
7060 / 7060	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7061 / 7061	POS AT unconformity	DEF AT 5
7062 / 7062	POS AT condensed section	DEF AT 5
7150 / 7150	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
7180 / 7180	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7210 / 7210	DEF AT - - - - -	DEF IN 4
7450 / 7448	DEF AT - - - - -	DEF AT 5
7629 / 7623	DEF AT condensed section	DEF AT 5
7630 / 7624	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7631 / 7625	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 632	Date of Summary: 01-SEP-2000	First Sample Examined: 4500
Lease Number: G15498	Source of Paleo: OPERATOR	Borehole MD: 10548
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10500
API Well Number: 608174089300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 4500 - 10548	Water Depth: 2795
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8110 / 8084	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
8440 / 8400	DEF AT pyrite	DEF AT 5
8530 / 8488	DEF AT - - - - -	DEF IN 4
8770 / 8724	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
8830 / 8783	DEF AT local marker foram decrease	POS AT 4
9250 / 9203	DEF AT reworked material	DEF AT 5
9310 / 9263	DEF AT local marker foram increase	DEF AT 5
9490 / 9443	DEF AT - - - - -	DEF IN 4
9550 / 9503	DEF AT - - - - -	DEF AT 4
9760 / 9713	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9895 / 9848	DEF AT - - - - -	DEF IN 4
9995 / 9948	DEF AT local marker foram increase	DEF IN 4
10160 / 10113	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
10250 / 10203	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 4
10370 / 10323	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
10548 / 10501	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 632	Date of Summary: 01-SEP-2000	First Sample Examined: 4500
Lease Number: G15498	Source of Paleo: OPERATOR	Borehole MD: 10548
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10500
API Well Number: 608174089300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 4500 - 10548	Water Depth: 2795
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT
4501 / 4501	POS IN Middle Pleistocene (Ionian) Gephyrocapsa omega	DEF AT
5160 / 5160	DEF AT Upper Pleistocene (Ionian) Emiliania huxleyi (base of acme)	DEF AT
5770 / 5770	POS AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
5950 / 5950	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
6819 / 6819	POS AT condensed section	DEF AT
6820 / 6820	DEF AT Middle Pleistocene (Ionian) Pseudoemiliania ovata	DEF AT
6880 / 6880	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7030 / 7030	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
7150 / 7150	DEF AT Middle Pleistocene (Ionian) Pseudoemiliania lacunosa (acme)	DEF AT
7360 / 7359	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7390 / 7388	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7420 / 7418	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
7450 / 7448	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa B	DEF AT
7570 / 7566	DEF AT local marker floral increase	DEF AT
7600 / 7595	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7629 / 7623	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7630 / 7624	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7660 / 7654	POS AT condensed section	DEF AT
7690 / 7683	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
8380 / 8342	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT
9925 / 9878	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 632	Date of Summary: 01-SEP-2000	First Sample Examined: 4500
Lease Number: G15498	Source of Paleo: OPERATOR	Borehole MD: 10548
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10500
API Well Number: 608174089300	Drilling Operator: BHP BILLITON PETROLEUM (GOM) INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 4500 - 10548	Water Depth: 2795
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 / 10233	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10460 / 10413	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
10520 / 10473	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 635	Date of Summary: 10-APR-2000	First Sample Examined: 5700
Lease Number: G14643	Source of Paleo: OPERATOR	Borehole MD: 18265
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18264
API Well Number: 608174087100	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 5700 - 18265	Water Depth: 3290
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5700 / 5700	DEF AT first sample examined	POS AT 5
5701 / 5701	DEF AT cement	POS AT 5
6180 / 6180	DEF AT - - - - -	DEF AT 5
6290 / 6290	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7260 / 7260	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7380 / 7380	DEF AT - - - - -	DEF IN 5
7650 / 7650	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
7740 / 7740	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8640 / 8640	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
8820 / 8820	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
9660 / 9660	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
9780 / 9780	DEF AT - - - - -	DEF AT 5
10140 / 10140	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10500 / 10500	DEF AT - - - - -	DEF AT 6
12240 / 12240	DEF AT - - - - -	DEF AT 5
12330 / 12330	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
16290 / 16290	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
16350 / 16350	DEF AT - - - - -	DEF AT 6
16620 / 16620	DEF AT - - - - -	DEF AT 5
18000 / 17999	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
18265 / 18264	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 635	Date of Summary: 10-APR-2000	First Sample Examined: 5700
Lease Number: G14643	Source of Paleo: OPERATOR	Borehole MD: 18265
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18264
API Well Number: 608174087100	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 5700 - 18275	Water Depth: 3290
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5700 / 5700	DEF AT first sample examined	DEF AT
6660 / 6660	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7200 / 7200	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7620 / 7620	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7680 / 7680	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7829 / 7829	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7830 / 7830	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8280 / 8280	DEF AT sample gap top	DEF AT
8580 / 8580	DEF AT sample gap bottom	DEF AT
8640 / 8640	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
8700 / 8700	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9450 / 9450	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9660 / 9660	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
10140 / 10140	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
11520 / 11520	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
13020 / 13020	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14190 / 14190	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
14250 / 14250	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
16020 / 16020	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
16320 / 16320	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
18265 / 18264	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 4640
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 1 of 4	Sample Range: 4640 - 6770	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4640	DEF AT first sample examined	DEF AT 4
4641 / 4641	DEF IN Holocene Globorotalia inflata	DEF AT 4
4730 / 4730	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4760 / 4760	DEF AT sample gap top	POS AT 4
5090 / 5089	DEF AT sample gap bottom	DEF AT 4
5480 / 5474	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
6770 / 6669	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 6770
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 2 of 4	Sample Range: 6770 - 13970	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Bypass report, 8210=rare Textularia bermudezi, 13250=Uvigerina lirettensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6770 / 6669	DEF AT first sample examined	DEF AT 4
6830 / 6729	DEF AT local marker foram increase	DEF AT 4
7070 / 6969	DEF AT local marker foram increase	DEF AT 4
7160 / 7059	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
7279 / 7178	POS AT condensed section	DEF AT 4
7280 / 7179	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7910 / 7809	DEF AT local marker foram increase	DEF AT 4
7939 / 7838	POS AT condensed section	DEF AT 4
7940 / 7839	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
7969 / 7868	DEF AT unconformity	DEF AT 5
7970 / 7869	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8000 / 7899	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
8120 / 8018	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8210 / 8108	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8630 / 8528	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9080 / 8977	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
9140 / 9037	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9170 / 9067	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9740 / 9636	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9860 / 9754	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9980 / 9871	DEF AT local marker foram increase	DEF AT 4
10040 / 9930	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 6770
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 2 of 4	Sample Range: 6770 - 13970	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 / 10095	DEF AT local marker benthic foram increase	DEF AT 4
10340 / 10221	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
10400 / 10279	DEF AT local marker foram increase	DEF AT 4
10401 / 10280	DEF AT pyrite	DEF AT 4
10700 / 10562	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
11720 / 11506	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
11810 / 11590	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12080 / 11841	DEF AT sample gap top	POS AT 4
12170 / 11925	DEF AT sample gap bottom	DEF AT 4
12260 / 12008	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12650 / 12370	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
12710 / 12425	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
12950 / 12649	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
13160 / 12843	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
13250 / 12926	DEF AT local marker benthic foram increase	DEF AT 4
13880 / 13508	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13881 / 13509	DEF AT local marker foram increase	DEF AT 4
13970 / 13591	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 4640
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 3 of 4	Sample Range: 4640 - 6890	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 / 4640	DEF AT first sample examined	DEF AT
5210 / 5208	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa caribbeanica (increase)	DEF AT
6770 / 6669	DEF AT Middle Pleistocene (Ionian) Gephyrocapsa parallela	DEF AT
6830 / 6729	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6831 / 6730	DEF AT last sample examined	DEF AT

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Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 6890
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 4 of 4	Sample Range: 6890 - 13970	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for bypass

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6789	DEF AT first sample examined	DEF AT
7070 / 6969	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7190 / 7089	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
7250 / 7149	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa B	DEF AT
7940 / 7839	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7970 / 7869	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8120 / 8018	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8420 / 8318	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
8600 / 8498	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
9050 / 8947	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9170 / 9067	DEF AT local marker floral increase	DEF AT
9590 / 9487	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
9710 / 9606	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
10010 / 9900	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10460 / 10336	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10940 / 10784	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT
11000 / 10840	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11120 / 10951	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
11420 / 11230	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
12290 / 12036	DEF AT Upper Miocene (Tortonian) Reticulofenestra pseudoumbilica "C"	DEF AT
12470 / 12203	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12530 / 12258	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT

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Start Date: 01-JAN-2000

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Area Block: MC 667	Date of Summary: 01-JUN-1998	First Sample Examined: 6890
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 14005
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13624
API Well Number: 608174060000	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 85
Paleo Report Num: 4 of 4	Sample Range: 6890 - 13970	Water Depth: 2902
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS:	Paleo ID: 005

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12710 / 12425	DEF IN Upper Miocene (Tortonian) Discoaster bellus	DEF AT
12830 / 12537	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradius (increase)	DEF AT
13250 / 12926	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
13490 / 13148	DEF IN Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
13970 / 13591	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-MAY-2002	First Sample Examined: 10050
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 10050
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 10048
API Well Number: 608174092600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10050 - 19090	Water Depth: 2932
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Eiger Sanction Prospect, consultant-integrated foram and nanno report, 18940=upwelling fauna equivalent to Cristellaria I, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10050 / 10047	DEF AT first sample examined	DEF IN 4
10051 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
10300 /	DEF AT reworked material	DEF IN 4
10450 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
10630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 4
10720 /	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
11320 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
11321 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
11980 /	DEF AT local marker foram increase	DEF AT 5
12370 /	DEF AT reworked material	DEF AT 5
12430 /	DEF AT sample gap top	DEF AT 5
12640 /	DEF AT sample gap bottom	DEF AT 5
12820 /	POS AT local marker foram increase	DEF AT 5
13000 /	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 5
13240 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
13450 /	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
13660 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13661 /	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 5
13750 /	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
14320 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
14321 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-MAY-2002	First Sample Examined: 10050
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 10050
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 10048
API Well Number: 608174092600	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10050 - 19090	Water Depth: 2932
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
14740 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
15340 /	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
15341 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
15670 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
16150 /	DEF AT local marker foram increase	DEF AT 5
16300 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
16900 /	DEF AT cement	DEF AT 5
17350 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
17530 /	DEF AT sample gap top	DEF AT
17880 /	DEF AT sample gap bottom	DEF AT
18610 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
18940 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
19000 /	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
19030 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
19060 /	DEF AT local marker foram decrease	DEF AT 5
19090 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-NOV-2001	First Sample Examined: 10060
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 20027
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 20021
API Well Number: 608174092602	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10060 - 20027	Water Depth: 2934
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report, 10720=upwelling fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10060 / 10057	DEF AT first sample examined	DEF IN 4
10061 / 10058	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10300 / 10297	DEF AT reworked material	DEF IN 4
10450 / 10447	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
10630 / 10627	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
10720 / 10717	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10780 / 10777	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
11319 / 11316	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 5
11320 / 11317	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
11820 / 11817	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
11980 / 11977	DEF AT local marker foram increase	DEF AT 5
13000 / 12997	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 5
13240 / 13237	DEF AT local marker planktic foram increase	DEF AT 5
13450 / 13447	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
13659 / 13656	POS AT unconformity	DEF AT 5
13660 / 13657	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13750 / 13747	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradius	DEF AT 5
14320 / 14316	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
14630 / 14626	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
14740 / 14736	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
15340 / 15336	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
15670 / 15666	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 01-NOV-2001	First Sample Examined: 10060
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 20027
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 20021
API Well Number: 608174092602	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10060 - 20027	Water Depth: 2934
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16150 / 16145	DEF AT local marker foram increase	DEF AT 5
16300 / 16295	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
16900 / 16895	DEF AT sand	DEF AT 5
17350 / 17345	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
18610 / 18605	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
18940 / 18934	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
19000 / 18994	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
19030 / 19024	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
19060 / 19054	POS AT Arenaceous fauna (local marker)	DEF AT 5
20027 / 20021	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 02-FEB-2002	First Sample Examined: 19840
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 20364
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 20357
API Well Number: 608174092603	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 19840 - 20370	Water Depth: 2934
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19840 / 19833	DEF AT first sample examined	DEF AT 5
20040 / 20033	DEF AT sample gap top	POS AT 5
20170 / 20163	DEF AT sample gap bottom	DEF AT 5
20370 / 20363	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 18-APR-2002	First Sample Examined: 23350
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 23544
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 23534
API Well Number: 608174092604	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 23350 - 23540	Water Depth: 2934
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20170 / 20163	DEF AT first sample examined	DEF AT 5
20860 / 20852	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 5
21350 / 21342	DEF AT local marker (general)	DEF IN 5
21400 / 21392	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 5
23440 / 23431	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 5
23490 / 23481	DEF AT Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF IN 5
23540 / 23531	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 667	Date of Summary: 18-APR-2002	First Sample Examined: 25953
Lease Number: G14013	Source of Paleo: OPERATOR	Borehole MD: 25953
Well Name: 004	Paleo Done By: PALEO SOURCE	Borehole TVD: 25923
API Well Number: 608174092605	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 25953 - 25953	Water Depth: 2934
Public Info Code: Y 23-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
25953 / 25900	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 674	Date of Summary: 03-DEC-1996	First Sample Examined: 13970
Lease Number: G08499	Source of Paleo: OPERATOR	Borehole MD: 23260
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 20022
API Well Number: 608174054401	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 13970 - 23270	Water Depth: 2710
Public Info Code: Y 15-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
13970 / 13918	DEF AT first sample examined	DEF AT
14030 / 13978	DEF IN Pliocene	DEF AT
17060 / 16240	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
17570 / 16533	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
18260 / 16939	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
18800 / 17253	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
22190 / 19264	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
23270 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 26-APR-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 15050 - 27473	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15050 / 15049	DEF AT first sample examined	DEF AT 4
15051 / 15050	DEF IN Upper (Late) Miocene	DEF AT 4
15140 / 15139	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
15170 / 15169	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
15230 / 15229	DEF AT local marker foram increase	DEF AT 5
15320 / 15318	DEF AT pyrite	DEF AT 5
15410 / 15407	DEF AT faunal change (no faunal increase)	DEF IN 4
15470 / 15466	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15500 / 15496	DEF AT pyrite	DEF AT 5
15620 / 15614	DEF AT faunal change (no faunal increase)	DEF IN 4
15650 / 15643	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
15680 / 15672	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
15740 / 15731	DEF AT local marker foram decrease	DEF AT 5
15769 / 15759	DEF AT pyrite	DEF IN 4
15770 / 15760	DEF AT local marker benthic foram increase	DEF IN 4
15980 / 15961	DEF AT local marker foram increase	DEF IN 4
16010 / 15989	DEF AT local marker foram decrease	DEF IN 4
16220 / 16186	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 5
16250 / 16214	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
16280 / 16242	DEF AT faunal change (no faunal increase)	DEF IN 4
16340 / 16297	DEF AT faunal change (no faunal increase)	DEF AT 5
16400 / 16352	DEF AT local marker foram decrease	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 26-APR-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 15050 - 27473	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16430 / 16379	DEF AT turbid water facies	POS AT 5
16460 / 16406	POS AT local marker foram decrease	POS AT 5
16640 / 16565	DEF AT local marker planktic foram increase	DEF AT 5
16670 / 16591	DEF AT local marker foram decrease	DEF AT 5
16730 / 16643	DEF AT local marker benthic foram increase	DEF AT 5
16940 / 16821	DEF AT local marker foram decrease	DEF IN 4
17000 / 16871	DEF AT pyrite	DEF AT 5
17180 / 17016	DEF AT turbid water facies	DEF AT 5
17270 / 17087	DEF AT faunal change (no faunal increase)	DEF IN 4
17300 / 17110	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
17330 / 17133	DEF AT faunal change (no faunal increase)	DEF IN 4
17390 / 17178	DEF AT reworked material	DEF IN 4
17450 / 17223	DEF AT local marker foram decrease	DEF IN 4
17600 / 17332	DEF AT turbid water facies	POS IN 4
17750 / 17436	DEF AT Bathysiphon fauna	POS IN 4
17780 / 17457	DEF AT local marker foram decrease	DEF IN 4
17810 / 17477	DEF AT faunal change (no faunal increase)	DEF AT 5
17840 / 17498	DEF AT Bathysiphon fauna	DEF AT 5
17929 / 17558	DEF AT turbid water facies	POS AT 5
17930 / 17559	DEF AT local marker foram decrease	POS AT 5
18680 / 18056	DEF AT turbid water facies	POS AT 5
18740 / 18095	DEF AT faunal change (no faunal increase)	DEF IN 4
18860 / 18174	DEF AT turbid water facies	POS IN 4
18920 / 18214	DEF AT faunal change (no faunal increase)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 26-APR-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 15050 - 27473	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
18949 / 18234	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
18950 / 18234	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
19100 / 18337	DEF AT local marker foram decrease	DEF AT 5
19310 / 18487	DEF AT pyrite	DEF AT 5
19339 / 18507	DEF AT turbid water facies	POS AT 5
19340 / 18508	DEF AT Bathysiphon fauna	POS AT 5
19400 / 18551	DEF AT siltstone	DEF AT 5
19460 / 18593	DEF AT turbid water facies	POS AT 5
19580 / 18674	DEF AT deepwater facies Harang	POS AT 5
19700 / 18753	DEF AT faunal change (no faunal increase)	DEF AT 5
19730 / 18772	DEF AT local marker planktic foram increase	DEF AT 5
20090 / 18997	DEF AT faunal change (no faunal increase)	DEF IN 4
20150 / 19035	DEF AT turbid water facies	POS IN 4
20210 / 19073	DEF AT Arenaceous fauna (local marker)	POS IN 4
20540 / 19281	DEF AT local marker foram decrease	POS IN 4
20630 / 19338	DEF AT local marker planktic foram increase	DEF AT 5
20660 / 19357	DEF AT local marker foram decrease	DEF IN 4
20840 / 19471	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
20870 / 19490	DEF AT local marker foram decrease	DEF AT 5
20930 / 19528	DEF AT pyrite	DEF AT 5
20960 / 19547	DEF AT faunal change (no faunal increase)	DEF IN 4
21050 / 19603	DEF AT turbid water facies	POS IN 4
21440 / 19847	DEF AT Bathysiphon fauna	POS IN 4
21560 / 19922	DEF AT Arenaceous fauna (local marker)	POS IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 26-APR-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 15050 - 27473	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
21620 / 19960	DEF AT local marker foram decrease	POS IN 4
21800 / 20073	DEF AT Arenaceous fauna (local marker)	POS IN 4
21830 / 20092	DEF AT local marker foram decrease	POS IN 4
22100 / 20263	DEF AT local marker planktic foram increase	DEF AT 5
22160 / 20300	DEF AT turbid water facies	POS AT 5
22310 / 20394	DEF AT faunal change (no faunal increase)	DEF IN 4
22550 / 20546	DEF AT siltstone	DEF AT 5
22610 / 20584	DEF AT local marker foram decrease	DEF IN 4
22820 / 20715	DEF AT local marker foram increase	DEF AT 5
22880 / 20753	DEF AT local marker foram decrease	DEF IN 4
23000 / 20828	DEF AT turbid water facies	POS IN 4
23030 / 20847	DEF AT local marker foram decrease	DEF IN 4
23120 / 20903	DEF AT turbid water facies	POS IN 4
24080 / 21506	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
24200 / 21582	DEF AT local marker benthic foram increase	DEF AT 5
24229 / 21600	DEF AT foram flood	DEF AT 5
24230 / 21601	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
24349 / 21675	DEF AT siltstone	DEF AT 5
24350 / 21676	DEF AT local marker foram decrease	DEF AT 5
24470 / 21751	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
24530 / 21789	DEF AT local marker foram decrease	DEF AT 5
24620 / 21845	DEF AT faunal change (no faunal increase)	DEF IN 4
24740 / 21920	DEF AT siltstone	DEF IN 4
24770 / 21939	DEF AT faunal change (no faunal increase)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 26-APR-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 15050 - 27473	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
24820 / 21970	DEF AT local marker foram increase	DEF IN 4
24950 / 22051	DEF AT faunal change (no faunal increase)	DEF AT 5
25160 / 22180	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
25310 / 22272	DEF AT local marker foram decrease	DEF IN 4
25460 / 22364	DEF AT local marker planktic foram increase	DEF AT 5
25490 / 22382	DEF AT faunal change (no faunal increase)	POS AT 5
25520 / 22400	DEF AT local marker foram increase	DEF AT 5
25580 / 22437	DEF AT siltstone	DEF AT 5
25640 / 22475	DEF AT local marker foram decrease	DEF AT 5
25850 / 22608	DEF AT local marker benthic foram increase	DEF IN 4
25880 / 22627	DEF AT local marker foram decrease	DEF IN 4
26240 / 22858	DEF AT local marker foram increase	DEF AT 5
26270 / 22877	DEF AT local marker foram decrease	DEF AT 5
26480 / 23012	DEF AT siltstone	DEF AT 5
26630 / 23108	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
26660 / 23127	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
26690 / 23146	DEF AT foram flood	DEF AT 5
26810 / 23221	DEF AT siltstone	DEF AT 5
26840 / 23240	DEF AT local marker foram decrease	DEF AT 5
27140 / 23427	DEF AT local marker foram increase	DEF AT 5
27380 / 23579	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
27473 / 23638	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 01-MAY-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: BUGWARE, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 15050 - 27471	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15050 / 15049	DEF AT first sample examined	DEF AT
15051 / 15050	DEF IN Upper (Late) Miocene	DEF AT
15110 / 15109	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
15230 / 15229	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
15830 / 15818	DEF AT local marker floral decrease	DEF AT
16370 / 16324	DEF AT local marker floral increase	DEF AT
16460 / 16406	DEF AT local marker floral decrease	DEF AT
16670 / 16591	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
16790 / 16695	DEF AT floral flood	DEF AT
17030 / 16895	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
17630 / 17353	DEF AT local marker floral decrease	DEF AT
17750 / 17436	DEF AT local marker floral increase	DEF AT
17930 / 17559	DEF AT local marker floral decrease	DEF AT
19010 / 18275	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
19190 / 18401	DEF AT local marker floral decrease	DEF AT
19250 / 18444	DEF AT local marker floral increase	DEF AT
19490 / 18613	DEF AT local marker floral decrease	DEF AT
19730 / 18772	DEF AT local marker floral increase	DEF AT
20330 / 19148	DEF AT local marker floral decrease	DEF AT
20630 / 19338	DEF AT local marker floral increase	DEF AT
20690 / 19376	DEF AT local marker floral decrease	DEF AT
20810 / 19452	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 01-MAY-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: BUGWARE, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 15050 - 27471	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
20990 / 19566	DEF AT local marker floral decrease	DEF AT
21170 / 19678	DEF AT local marker floral increase	DEF AT
21230 / 19716	DEF AT local marker floral decrease	DEF AT
21350 / 19791	DEF AT local marker floral increase	DEF AT
21470 / 19866	DEF AT local marker floral decrease	DEF AT
21770 / 20054	DEF AT local marker floral increase	DEF AT
21860 / 20111	DEF AT local marker floral decrease	DEF AT
22100 / 20263	DEF AT local marker floral increase	DEF AT
22160 / 20300	DEF AT local marker floral decrease	DEF AT
22460 / 20489	DEF AT local marker floral increase	DEF AT
22520 / 20527	DEF AT local marker floral decrease	DEF AT
22820 / 20715	DEF AT local marker floral increase	DEF AT
22940 / 20790	DEF AT local marker floral decrease	DEF AT
23030 / 20847	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (very rare)	DEF AT
23150 / 20922	DEF AT local marker floral decrease	DEF AT
23780 / 21318	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (increase)	DEF AT
24140 / 21544	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
24200 / 21582	POS AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
24230 / 21601	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
24380 / 21695	DEF AT local marker floral increase	DEF AT
24650 / 21864	DEF AT local marker floral decrease	DEF AT
24770 / 21939	DEF AT local marker floral increase	DEF AT
25100 / 22143	DEF AT local marker floral decrease	DEF AT
25160 / 22180	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 696	Date of Summary: 01-MAY-2004	First Sample Examined: 15050
Lease Number: G14650	Source of Paleo: OPERATOR	Borehole MD: 27473
Well Name: 002	Paleo Done By: BUGWARE, INC.	Borehole TVD: 23638
API Well Number: 608174103401	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 15050 - 27471	Water Depth: 6989
Public Info Code: Y 29-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
25370 / 22309	DEF AT local marker floral decrease	DEF AT
25550 / 22419	DEF AT local marker floral increase	DEF AT
26000 / 22704	DEF AT reworked material	DEF AT
26120 / 22781	DEF AT local marker floral decrease	DEF AT
26240 / 22858	DEF AT local marker floral increase	DEF AT
26660 / 23127	DEF AT floral flood	DEF AT
26780 / 23203	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
26840 / 23240	DEF AT local marker floral decrease	DEF AT
27140 / 23427	DEF IN Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
27230 / 23484	DEF AT local marker floral decrease	DEF AT
27290 / 23522	DEF AT reworked material	DEF AT
27349 / 23559	DEF AT floral flood	DEF AT
27350 / 23560	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (acme)	DEF AT
27410 / 23598	POS AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
27471 / 23637	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 711	Date of Summary: 01-OCT-1997	First Sample Examined: 6000
Lease Number: G14017	Source of Paleo: OPERATOR	Borehole MD: 17707
Well Name: SS006	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17083
API Well Number: 608174057300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6000 - 17640	Water Depth: 2975
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 4
6270 / 6270	DEF AT local marker foram increase	DEF AT 4
6330 / 6330	DEF AT faunal change (no faunal increase)	DEF IN 4
6390 / 6390	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
6540 / 6540	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
6810 / 6810	DEF AT faunal change (no faunal increase)	DEF AT 4
6930 / 6930	DEF AT faunal change (no faunal increase)	DEF IN 4
7050 / 7050	DEF AT local marker foram increase	DEF IN 4
7290 / 7290	DEF AT faunal change (no faunal increase)	DEF AT 4
7530 / 7530	DEF AT faunal change (no faunal increase)	DEF IN 4
7620 / 7620	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
7890 / 7890	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7920 / 7920	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
8220 / 8220	DEF AT faunal change (no faunal increase)	DEF IN 4
8370 / 8370	DEF AT faunal change (no faunal increase)	DEF AT 4
9030 / 9019	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
9090 / 9075	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
9388 / 9348	POS AT condensed section	DEF IN 4
9389 / 9348	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
9390 / 9349	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
9450 / 9403	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF IN 4
9509 / 9456	POS AT condensed section	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 711	Date of Summary: 01-OCT-1997	First Sample Examined: 6000
Lease Number: G14017	Source of Paleo: OPERATOR	Borehole MD: 17707
Well Name: SS006	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17083
API Well Number: 608174057300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6000 - 17640	Water Depth: 2975
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9510 / 9457	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
9659 / 9589	POS AT condensed section	DEF IN 4
9660 / 9590	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
9930 / 9828	POS AT out-of-place section	DEF IN 4
10770 / 10593	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
10890 / 10704	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
11160 / 10954	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 4
11220 / 11009	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
11400 / 11174	DEF AT transported shelf fauna	DEF IN 4
12750 / 12418	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 4
13590 / 13205	DEF AT faunal change (no faunal increase)	DEF AT 4
13650 / 13262	DEF AT transported shelf fauna	DEF AT 4
13830 / 13434	DEF AT local marker benthic foram increase	DEF AT 4
13950 / 13549	DEF AT faunal change (no faunal increase)	DEF IN 3
14190 / 13780	DEF AT faunal change (no faunal increase)	DEF AT 4
14640 / 14215	DEF AT transported shelf fauna	DEF IN 4
15150 / 14713	DEF AT local marker foram increase	DEF IN 4
15210 / 14772	POS AT Eggerella 3 (local marker)	DEF IN 4
15240 / 14801	DEF AT Arenaceous fauna (local marker)	DEF IN 4
15300 / 14859	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
15420 / 14975	DEF AT Bathysiphon fauna	DEF IN 4
15480 / 15033	DEF AT Eggerella 3 (local marker)	DEF IN 4
15809 / 15348	DEF AT local marker foram decrease	DEF AT 4
15810 / 15349	DEF AT cement	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 711	Date of Summary: 01-OCT-1997	First Sample Examined: 6000
Lease Number: G14017	Source of Paleo: OPERATOR	Borehole MD: 17707
Well Name: SS006	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17083
API Well Number: 608174057300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 6000 - 17640	Water Depth: 2975
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15990 / 15519	DEF AT faunal change (no faunal increase)	DEF IN 4
16050 / 15575	DEF AT Eggerella 3 (local marker)	DEF IN 4
16170 / 15687	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 4
16260 / 15770	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 4
16710 / 16175	DEF AT faunal change (no faunal increase)	POS IN 3
16980 / 16418	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
17640 / 17021	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-2004

Area Block: MC 711	Date of Summary: 31-OCT-1997	First Sample Examined: 6000
Lease Number: G14017	Source of Paleo: OPERATOR	Borehole MD: 17707
Well Name: SS006	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17083
API Well Number: 608174057300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6000 - 17640	Water Depth: 2975
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT
6001 / 6001	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT
6300 / 6300	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7140 / 7140	POS AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7500 / 7500	POS IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7590 / 7590	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa (increase)	DEF AT
7800 / 7800	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7890 / 7890	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8070 / 8070	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8850 / 8846	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9090 / 9075	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9360 / 9322	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9420 / 9376	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
9450 / 9403	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9510 / 9457	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9690 / 9616	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT
9930 / 9828	DEF AT reworked material	DEF AT
9960 / 9855	POS AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
10920 / 10732	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
11550 / 11312	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
12510 / 12196	DEF IN Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
13230 / 12866	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 711	Date of Summary: 31-OCT-1997	First Sample Examined: 6000
Lease Number: G14017	Source of Paleo: OPERATOR	Borehole MD: 17707
Well Name: SS006	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 17083
API Well Number: 608174057300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 6000 - 17640	Water Depth: 2975
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14520 / 14099	DEF IN Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14640 / 14215	DEF AT Upper Miocene (Messinian) Discoaster quinquetramus	DEF AT
15270 / 14830	DEF AT Upper Miocene (Messinian) Discoaster berggrenii (variety?)	DEF AT
15360 / 14917	DEF IN Upper Miocene (Messinian) Discoaster quinquetramus	DEF AT
15660 / 15206	DEF IN Upper Miocene (Messinian) Discoaster berggrenii (variety?)	DEF AT
16020 / 15547	DEF AT local marker floral increase	DEF AT
16200 / 15715	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
16440 / 15934	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
17160 / 16581	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
17161 / 16582	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
17220 / 16636	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
17640 / 17021	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 713	Date of Summary: 08-AUG-1997	First Sample Examined: 5130
Lease Number: G14651	Source of Paleo: OPERATOR	Borehole MD: 13887
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13870
API Well Number: 608174054800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 5130 - 16030	Water Depth: 3210
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 5130	DEF AT first sample examined	DEF AT
5131 / 5131	DEF IN Upper Pleistocene	DEF AT
5910 / 5910	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
6570 / 6570	DEF AT local marker floral increase	DEF AT
6690 / 6690	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6870 / 6870	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7410 / 7410	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7470 / 7470	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8130 / 8130	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9000 / 9000	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "A"	DEF AT
9120 / 9120	DEF AT local marker floral increase	DEF AT
9630 / 9630	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9750 / 9750	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
9810 / 9810	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus (increase)	DEF AT
10830 / 10829	DEF IN salt	DEF AT
14738 /	DEF AT base of salt	DEF AT
14739 /	POS IN Upper (Late) Miocene	DEF AT
14740 /	POS IN Middle Miocene	DEF AT
14920 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
14980 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
15040 /	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
15500 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 713	Date of Summary: 08-AUG-1997	First Sample Examined: 5130
Lease Number: G14651	Source of Paleo: OPERATOR	Borehole MD: 13887
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13870
API Well Number: 608174054800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 5130 - 16030	Water Depth: 3210
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15730 /	POS IN Lower (Early) Miocene	DEF AT
15731 /	POS IN Eocene	DEF AT
15910 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
16030 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 713	Date of Summary: 10-MAR-1998	First Sample Examined: 5130
Lease Number: G14651	Source of Paleo: OPERATOR	Borehole MD: 13887
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13870
API Well Number: 608174054800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 5130 - 8730	Water Depth: 3210
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report for bypass 1

MD / TVD	Paleo Top Description	Ecozone
5130 / 5130	DEF AT first sample examined	DEF AT 4
5220 / 5220	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5310 / 5310	DEF AT - - - - -	DEF AT 2
5520 / 5520	DEF AT - - - - -	DEF AT 3
5790 / 5790	DEF AT - - - - -	DEF AT 4
6510 / 6510	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6810 / 6810	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6900 / 6900	DEF AT - - - - -	DEF AT 4
7150 / 7150	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
7370 / 7370	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
7419 / 7419	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
7420 / 7420	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7630 / 7630	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7690 / 7690	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
7750 / 7750	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
8730 / 8730	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 713	Date of Summary: 10-MAR-1998	First Sample Examined: 8730
Lease Number: G14651	Source of Paleo: OPERATOR	Borehole MD: 13887
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13870
API Well Number: 608174054800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 8730 - 16060	Water Depth: 3210
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report for bypass 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8730 / 8730	DEF AT first sample examined	POS AT 4
8731 / 8731	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	POS AT 4
8910 / 8910	DEF AT - - - - -	DEF AT 4
9570 / 9570	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
9780 / 9780	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9810 / 9810	DEF AT salt	DEF AT 4
14740 /	DEF AT base of salt	DEF AT 4
14770 /	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 4
14949 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
14950 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15250 /	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT 4
15490 /	DEF AT - - - - -	DEF AT 2
15550 /	DEF AT - - - - -	DEF AT 4
15760 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
15970 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
16060 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 14-SEP-2000	First Sample Examined: 25269
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 5	Sample Range: 25269 - 29518	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Poseidon Prospect, calcareous nannofossil report based on sidewall cores

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
25269 / 25211	DEF AT first sample examined	DEF AT
25284 / 25226	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
25285 / 25227	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
29518 / 29446	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 14-SEP-2000	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 2 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS:	Paleo ID: 005

Remark: Poseidon Prospect, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7550	DEF AT first sample examined	DEF AT
7551 / 7551	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7552 / 7552	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8180 / 8179	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
8360 / 8359	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8570 / 8569	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
8690 / 8689	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
8810 / 8809	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
8840 / 8839	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
8868 / 8867	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
8869 / 8868	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
8870 / 8869	DEF AT salt	DEF AT
14040 / 14031	DEF AT base of salt	DEF AT
14060 / 14051	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14240 / 14230	POS AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT
15650 / 15637	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
16460 / 16446	POS AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
17480 / 17465	POS AT reworked material	DEF AT
17481 / 17466	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
17482 / 17467	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
17810 / 17794	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
18790 / 18773	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 14-SEP-2000	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 2 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS:	Paleo ID: 005

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
18940 / 18922	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
19630 / 19609	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
21280 / 21242	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
23140 / 23092	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
26380 / 26319	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
29740 / 29668	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 09-APR-2001	First Sample Examined: 14040
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 3 of 5	Sample Range: 14040 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Poseidon Prospect, from 8862 TO 14037, in drilling salt, 20494=Globorotalia peripheroacuta coiling change

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7550	DEF AT first sample examined	DEF IN 4
7551 / 7551	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
7730 / 7730	DEF AT foram flood	DEF IN 4
7790 / 7789	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
8360 / 8359	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
8420 / 8419	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
8840 / 8839	POS AT salt	DEF IN 4
9110 / 9109	DEF AT salt	DEF IN 4
14060 / 14051	DEF AT base of salt	DEF IN 4
14150 / 14140	DEF AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF IN 4
14240 / 14230	DEF AT local marker foram decrease	DEF AT 4
14930 / 14918	POS AT local marker foram increase	DEF IN 3
15020 / 15008	DEF AT - - - - -	DEF AT 4
15410 / 15398	DEF AT - - - - -	DEF IN 3
15560 / 15547	DEF AT - - - - -	DEF AT 4
15590 / 15577	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16250 / 16236	POS AT salt weld	DEF AT 4
16251 / 16237	DEF AT out-of-place section	DEF AT 4
16580 / 16566	DEF AT - - - - -	DEF IN 3
16910 / 16896	POS AT - - - - -	DEF AT 4
17480 / 17465	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 4
17660 / 17645	DEF AT local marker foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 09-APR-2001	First Sample Examined: 14040
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 3 of 5	Sample Range: 14040 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
17750 / 17734	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
18040 / 18024	DEF AT pyrite	DEF AT 4
18280 / 18264	DEF AT local marker foram increase	DEF AT 4
18940 / 18922	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
19360 / 19341	DEF AT - - - - -	DEF IN 3
19630 / 19609	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 4
19720 / 19699	DEF AT - - - - -	DEF AT 4
19840 / 19818	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
20110 / 20085	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
20230 / 20204	DEF AT local marker foram increase	DEF AT 4
20494 / 20465	DEF AT local marker planktic foram increase	DEF AT 4
20560 / 20530	DEF AT local marker foram decrease	DEF AT 4
20620 / 20589	DEF AT - - - - -	DEF IN 3
20770 / 20738	POS AT local marker foram increase	DEF AT 4
21010 / 20975	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
21160 / 21124	DEF AT - - - - -	DEF IN 4
21460 / 21421	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
21520 / 21480	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
21640 / 21599	DEF AT local marker foram increase	DEF AT 5
21760 / 21718	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
21790 / 21748	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
22420 / 22375	DEF AT Arenaceous fauna (local marker)	DEF AT 4
23350 / 23301	DEF AT - - - - -	DEF IN 4
23410 / 23361	DEF AT local marker foram increase	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 09-APR-2001	First Sample Examined: 14040
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 3 of 5	Sample Range: 14040 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
23650 / 23600	DEF AT - - - - -	DEF AT 4
24010 / 23958	POS AT - - - - -	DEF AT 4
24221 / 24168	POS AT ash	DEF AT 4
25000 / 24943	DEF AT Arenaceous fauna (local marker)	DEF AT 4
25540 / 25481	DEF AT local marker foram increase	DEF AT 4
26620 / 26558	DEF AT local marker foram increase	DEF AT 5
26650 / 26588	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
26740 / 26677	DEF AT - - - - -	DEF AT 4
26950 / 26886	DEF AT gray shale	DEF AT 4
27380 / 27315	DEF AT - - - - -	DEF IN 4
27460 / 27395	DEF AT local marker foram increase	DEF AT 5
27490 / 27425	DEF AT - - - - -	DEF AT 4
29440 / 29369	DEF AT sandstone	DEF AT 4
29560 / 29488	DEF AT gray shale	DEF AT 4
29750 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 4 of 5	Sample Range: 7550 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Poseidon Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7550	DEF AT first sample examined	DEF AT 5
7551 / 7551	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
7750 / 7749	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
7790 / 7789	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8180 / 8179	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
8360 / 8359	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
8480 / 8479	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
8570 / 8569	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 5
8690 / 8689	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
8810 / 8809	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
8840 / 8839	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT 5
8862 / 8861	DEF AT salt	DEF AT
8870 / 8869	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
8871 / 8870	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
14040 / 14031	DEF AT base of salt	DEF AT
14060 / 14051	DEF IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
14240 / 14230	DEF AT Upper Miocene (Tortonian) Discoaster praebollii	DEF AT 4
14600 / 14589	DEF AT faunal change (no faunal increase)	DEF AT 1
14930 / 14918	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
15590 / 15577	DEF AT local marker deep water fauna	DEF AT 2
15650 / 15637	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 2
16040 / 16027	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 4 of 5	Sample Range: 7550 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16400 / 16386	DEF AT faunal change (no faunal increase)	DEF AT 4
17750 / 17734	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
17810 / 17794	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 4
18760 / 18743	DEF AT faunal change (no faunal increase)	DEF AT 3
18790 / 18773	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 3
18940 / 18922	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
19629 / 19608	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
19630 / 19609	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT 5
19810 / 19788	DEF AT faunal change (no faunal increase)	DEF AT 4
19840 / 19818	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
20140 / 20115	DEF AT faunal change (no faunal increase)	DEF AT 5
20500 / 20471	DEF AT faunal change (no faunal increase)	DEF AT 4
21280 / 21242	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 4
21460 / 21421	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
21520 / 21480	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
21640 / 21599	DEF AT faunal change (no faunal increase)	DEF AT 3
22060 / 22016	DEF AT faunal change (no faunal increase)	DEF AT 2
22750 / 22704	DEF AT faunal change (no faunal increase)	DEF AT 1
22960 / 22913	DEF AT faunal change (no faunal increase)	DEF AT 3
23140 / 23092	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT 3
24220 / 24167	DEF AT faunal change (no faunal increase)	DEF AT 1
26380 / 26319	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 1
26680 / 26617	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 1
27700 / 27634	DEF AT faunal change (no faunal increase)	DEF AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 4 of 5	Sample Range: 7550 - 29750	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
29750 /	DEF AT last sample examined	DEF AT 0

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Poseidon Prospect, paleo done by Bruce Robertson, 8862=top of salt according to E-log, 17990=restricted marine

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7550	DEF AT first sample examined	DEF IN 4
7551 / 7551	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
7610 / 7610	DEF AT - - - -	DEF IN 5
7670 / 7670	DEF IN local marker planktic foram increase	DEF AT 5
7730 / 7730	DEF AT foram flood	DEF IN 5
7790 / 7789	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
7910 / 7909	DEF AT sample gap top	DEF IN 5
8180 / 8179	DEF AT sample gap bottom	DEF IN 5
8300 / 8299	POS AT local marker foram decrease	DEF IN 5
8360 / 8359	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
8420 / 8419	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
8480 / 8479	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 5
8540 / 8539	DEF AT drilling material	DEF AT 5
8660 / 8659	DEF AT - - - -	DEF IN 5
8720 / 8719	DEF AT - - - -	DEF AT 5
8780 / 8779	DEF AT - - - -	DEF IN 5
8840 / 8839	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
8862 / 8861	POS AT salt	DEF AT 5
9020 / 9019	DEF AT - - - -	DEF IN 5
9080 / 9079	POS AT drilling material	DEF AT 4
9110 / 9109	DEF AT salt	DEF AT
14040 / 14031	POS IN Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14060 / 14051	DEF AT base of salt	DEF AT 3
14061 / 14052	POS AT Eocene	DEF AT 3
14062 / 14053	POS AT Paleocene	DEF AT 3
14090 / 14081	DEF AT - - - - -	DEF IN 4
14150 / 14140	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF IN 4
14210 / 14200	DEF AT local marker foram increase	DEF IN 5
14390 / 14379	DEF AT local marker foram decrease	DEF AT 4
14960 / 14948	POS AT local marker foram increase	DEF AT 4
15050 / 15038	DEF AT local marker foram decrease	POS AT 4
15110 / 15098	DEF AT - - - - -	DEF IN 3
15230 / 15218	DEF AT - - - - -	DEF AT 1
15350 / 15338	POS AT local marker foram increase	DEF IN 3
15410 / 15398	DEF AT - - - - -	DEF AT 3
15470 / 15458	DEF AT - - - - -	DEF AT 2
15530 / 15517	DEF AT local marker foram decrease	POS AT 2
15590 / 15577	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4
15710 / 15697	DEF AT - - - - -	DEF AT 4
15770 / 15757	DEF AT - - - - -	DEF IN 3
15830 / 15817	DEF AT reworked material	DEF AT 3
15890 / 15877	DEF AT - - - - -	DEF IN 3
15950 / 15937	DEF AT - - - - -	DEF IN 4
16010 / 15997	DEF AT - - - - -	DEF AT 4
16040 / 16027	DEF AT drilling material	DEF AT 3
16070 / 16057	DEF AT - - - - -	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

MD / TVD	Paleo Top Description	Ecozone
16130 / 16117	DEF AT -----	DEF IN 4
16190 / 16176	DEF AT -----	DEF IN 3
16220 / 16206	DEF AT -----	DEF AT 4
16250 / 16236	DEF AT -----	DEF IN 3
16310 / 16296	DEF AT -----	DEF AT 2
16430 / 16416	DEF AT -----	DEF AT 4
16490 / 16476	DEF AT -----	DEF AT 2
16550 / 16536	DEF AT -----	DEF IN 4
16670 / 16656	DEF AT -----	DEF IN 3
16730 / 16716	DEF AT -----	DEF IN 3
16850 / 16836	DEF AT -----	DEF AT 4
17330 / 17315	DEF AT -----	DEF IN 4
17450 / 17435	DEF AT -----	DEF AT 4
17510 / 17495	DEF AT -----	DEF IN 4
17570 / 17555	DEF AT -----	DEF AT 4
17690 / 17675	DEF AT -----	DEF IN 4
17750 / 17734	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
17870 / 17854	DEF AT -----	DEF AT 4
17930 / 17914	DEF AT drilling material	DEF IN 3
17932 / 17916	DEF AT local marker foram decrease	DEF IN 3
18940 / 18922	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
19630 / 19609	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
19840 / 19818	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
20110 / 20085	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20500 / 20471	DEF AT - - - - -	DEF AT 4
20560 / 20530	DEF AT local marker foram decrease	DEF AT 2
20620 / 20589	DEF AT - - - - -	DEF IN 2
20740 / 20708	DEF AT - - - - -	DEF AT 4
20860 / 20827	DEF AT local marker foram increase	DEF AT 4
20920 / 20886	DEF AT - - - - -	DEF IN 4
21040 / 21005	DEF AT local marker foram decrease	DEF AT 4
21100 / 21064	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
21280 / 21242	DEF AT - - - - -	DEF IN 3
21340 / 21302	DEF AT - - - - -	DEF AT 2
21400 / 21361	DEF AT local marker foram decrease	POS AT 2
21460 / 21421	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 5
21520 / 21480	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
21580 / 21539	DEF AT - - - - -	DEF AT 3
21640 / 21599	DEF AT pyrite	DEF IN 4
21700 / 21658	DEF AT local marker foram increase	DEF AT 4
21820 / 21778	DEF AT local marker foram decrease	DEF IN 3
21880 / 21837	DEF AT - - - - -	DEF AT 3
21940 / 21897	DEF AT local marker foram increase	DEF AT 4
22000 / 21957	DEF AT - - - - -	DEF IN 4
22060 / 22016	DEF AT local marker foram decrease	DEF AT 3
22120 / 22076	DEF AT gray shale	DEF AT 2
22180 / 22136	DEF AT cement	DEF AT 2
22240 / 22196	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
22480 / 22435	DEF AT -----	DEF AT 4
22570 / 22524	DEF AT local marker foram decrease	DEF IN 3
22660 / 22614	DEF AT -----	DEF IN 2
22720 / 22674	DEF AT -----	DEF AT 2
22780 / 22734	DEF AT -----	DEF AT 1
22840 / 22793	DEF AT -----	DEF AT 2
22900 / 22853	DEF AT -----	DEF AT 1
22960 / 22913	DEF AT -----	DEF AT 4
23020 / 22973	DEF AT -----	DEF IN 2
23080 / 23032	DEF AT -----	DEF IN 3
23260 / 23212	DEF AT -----	DEF IN 2
23320 / 23272	DEF AT -----	DEF IN 3
23380 / 23331	DEF AT -----	DEF AT 4
23440 / 23391	DEF AT -----	DEF IN 4
23530 / 23481	DEF AT -----	DEF IN 2
23590 / 23540	DEF AT -----	DEF AT 3
23650 / 23600	DEF AT -----	DEF AT 2
23890 / 23839	DEF AT -----	DEF IN 2
24010 / 23958	DEF AT -----	DEF IN 4
24070 / 24018	DEF AT -----	DEF IN 3
24190 / 24137	DEF AT -----	DEF AT 2
24490 / 24435	DEF AT -----	DEF AT 1
24850 / 24793	DEF AT -----	DEF AT 2
24880 / 24823	DEF AT -----	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
24910 / 24853	DEF AT -----	DEF AT 3
24940 / 24883	DEF AT -----	DEF AT 2
24970 / 24913	DEF AT -----	DEF AT 1
25000 / 24943	DEF AT -----	DEF AT 3
25030 / 24973	DEF AT -----	DEF AT 2
25390 / 25332	DEF AT local marker foram increase	DEF IN 2
25420 / 25361	DEF AT -----	DEF AT 3
25450 / 25391	POS AT reworked material	DEF IN 3
25451 / 25392	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
25480 / 25421	DEF AT -----	DEF IN 4
25510 / 25451	DEF AT -----	DEF AT 3
25540 / 25481	DEF AT -----	DEF IN 3
25570 / 25511	DEF AT -----	DEF AT 3
25600 / 25541	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF IN 3
25630 / 25571	DEF AT -----	DEF AT 3
25660 / 25601	DEF AT -----	DEF IN 3
25690 / 25630	DEF AT -----	DEF IN 4
25780 / 25720	DEF AT -----	DEF AT 2
25810 / 25750	DEF AT -----	DEF AT 3
25840 / 25780	DEF AT -----	DEF AT 2
25870 / 25810	DEF AT -----	DEF AT 4
25960 / 25900	DEF AT local marker foram increase	DEF IN 3
25990 / 25930	DEF AT -----	DEF IN 4
26020 / 25960	DEF AT -----	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
26050 / 25989	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
26080 / 26019	DEF AT -----	DEF AT 1
26110 / 26049	DEF AT -----	DEF AT 2
26200 / 26139	DEF AT -----	DEF AT 3
26290 / 26229	DEF AT -----	DEF AT 2
26380 / 26319	DEF AT local marker foram increase	DEF AT 4
26410 / 26349	DEF AT -----	DEF IN 2
26440 / 26378	DEF AT -----	DEF AT 1
26560 / 26498	DEF AT -----	DEF AT 2
26590 / 26528	DEF AT -----	DEF IN 2
26620 / 26558	DEF AT local marker foram increase	DEF IN 3
26650 / 26588	DEF AT -----	DEF AT 4
26680 / 26617	DEF AT -----	DEF AT 5
26740 / 26677	DEF AT local marker foram decrease	DEF AT 2
26770 / 26707	DEF AT -----	DEF AT 1
26830 / 26767	DEF AT -----	DEF IN 1
26860 / 26797	POS AT local marker foram increase	DEF AT 2
26890 / 26827	DEF AT -----	DEF AT 1
26920 / 26857	DEF AT -----	DEF AT 3
26950 / 26886	DEF AT -----	DEF AT 2
27010 / 26946	DEF AT -----	DEF AT 1
27130 / 27066	DEF AT -----	DEF IN 1
27280 / 27216	DEF AT -----	DEF AT 2
27460 / 27395	DEF AT local marker foram increase	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 727	Date of Summary: 24-APR-2001	First Sample Examined: 7550
Lease Number: G13145	Source of Paleo: OPERATOR	Borehole MD: 29750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 29680
API Well Number: 608174089400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 5 of 5	Sample Range: 7550 - 29740	Water Depth: 4891
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
27490 / 27425	DEF AT -----	DEF AT 4
28390 / 28322	DEF AT -----	DEF IN 2
28870 / 28800	DEF AT -----	DEF AT 2
29740 / 29668	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 806	Date of Summary: 01-APR-1999	First Sample Examined: 9490
Lease Number: G07962	Source of Paleo: OPERATOR	Borehole MD: 17300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16443
API Well Number: 608174039800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5180 - 17300	Water Depth: 3106
Public Info Code: Y 17-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, from 11320 to 13330, foram and nanno markers are out-of-place, from 16090 to 17260, salt crystals are present in nanno samples

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 9490	DEF AT first sample examined	DEF AT
10300 / 10299	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
11319 / 11259	DEF AT reworked material	DEF AT
11320 / 11260	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
11740 / 11626	DEF AT - - - -	DEF AT 4
14320 / 13793	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
14410 / 13868	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
14590 / 14021	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
14620 / 14047	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
14740 / 14151	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
15186 / 14541	DEF AT salt	DEF AT 4
17300 / 16443	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 807	Date of Summary: 01-APR-1999	First Sample Examined: 15500
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 18030
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17653
API Well Number: 608174036201	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 13397 - 18030	Water Depth: 3013
Public Info Code: Y 10-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
15500 / 15316	DEF AT first sample examined	DEF AT
16250 / 15993	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
16520 / 16242	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
16550 / 16270	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
16670 / 16381	POS IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
18030 / 17653	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 807	Date of Summary: 01-APR-1999	First Sample Examined: 5310
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 10315
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10314
API Well Number: 608174037700	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5310 - 12300	Water Depth: 2927
Public Info Code: Y 02-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5310 / 5310	DEF AT first sample examined	POS AT 4
5790 / 5790	DEF AT Upper Pleistocene (Ionian) Pontosphaera indoceanica	POS AT 4
6060 / 6060	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
6390 / 6390	DEF AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT 4
6870 / 6870	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
7350 / 7350	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 4
8130 / 8130	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
8250 / 8250	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 4
8790 / 8790	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8850 / 8850	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10080 / 10080	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10170 / 10170	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10260 / 10260	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 807	Date of Summary: 01-APR-1999	First Sample Examined: 10260
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 17321
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16719
API Well Number: 608174038000	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10260 - 17310	Water Depth: 2930
Public Info Code: Y 09-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
10260 / 10260	DEF AT first sample examined	DEF AT 4
11010 / 11009	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12150 / 12149	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
12720 / 12719	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
13020 / 13016	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
13980 / 13905	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
16500 / 15967	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
17310 / 16709	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 807	Date of Summary: 01-APR-1999	First Sample Examined: 12000
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 19470
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 19342
API Well Number: 608174038001	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 11700 - 19620	Water Depth: 2930
Public Info Code: Y 11-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
12000 / 11999	DEF AT first sample examined	DEF AT
12960 / 12957	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13350 / 13347	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13410 / 13407	DEF AT sample gap top	DEF AT
14490 / 14487	DEF AT sample gap bottom	DEF AT
16210 / 16182	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
16290 / 16259	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
17450 / 17368	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
19200 / 19077	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
19620 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 807	Date of Summary: 31-JUL-1996	First Sample Examined: 16570
Lease Number: G07963	Source of Paleo: OPERATOR	Borehole MD: 19150
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 19144
API Well Number: 608174038871	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5350 - 19150	Water Depth: 2956
Public Info Code: Y 12-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16570 / 16565	DEF AT first sample examined	POS AT 4
16571 / 16566	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	POS AT 4
17560 / 17554	DEF AT Upper Miocene (Tortonian) Minylitha convallis	POS AT 4
19090 / 19084	DEF AT - - - - -	DEF AT 4
19150 / 19144	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 809	Date of Summary: 30-JUN-1994	First Sample Examined: 4880
Lease Number: G05868	Source of Paleo: OPERATOR	Borehole MD: 17898
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17892
API Well Number: 608174045500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 2	Sample Range: 4880 - 19930	Water Depth: 3762
Public Info Code: Y 28-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4880 / 4880	DEF AT first sample examined	DEF AT
7010 / 7010	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
8520 / 8520	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
8700 / 8700	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8910 / 8910	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9090 / 9090	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9119 / 9119	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9120 / 9120	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9270 / 9270	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10160 / 10160	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10890 / 10890	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
11660 / 11660	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
19180 /	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
19930 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 809	Date of Summary: 01-APR-1999	First Sample Examined: 4880
Lease Number: G05868	Source of Paleo: OPERATOR	Borehole MD: 17898
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17892
API Well Number: 608174045500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 4880 - 19930	Water Depth: 3762
Public Info Code: Y 28-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4880 / 4880	DEF AT first sample examined	DEF AT
5570 / 5570	POS AT Upper Pleistocene (Ionian) Pontosphaera indoceanica	DEF AT
7010 / 7010	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7920 / 7920	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8520 / 8520	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
8535 / 8535	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
8700 / 8700	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8910 / 8910	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
9090 / 9090	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
9120 / 9120	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9210 / 9210	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
9270 / 9270	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10160 / 10160	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10860 / 10860	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10940 / 10940	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11660 / 11660	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13120 / 13120	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
13300 / 13300	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
15310 / 15309	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 4
17500 / 17495	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
18370 /	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
19010 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 809	Date of Summary: 01-APR-1999	First Sample Examined: 4880
Lease Number: G05868	Source of Paleo: OPERATOR	Borehole MD: 17898
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17892
API Well Number: 608174045500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 48
Paleo Report Num: 2 of 2	Sample Range: 4880 - 19930	Water Depth: 3762
Public Info Code: Y 28-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
19180 /	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
19930 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 854	Date of Summary: 12-APR-1999	First Sample Examined: 5830
Lease Number: G09883	Source of Paleo: OPERATOR	Borehole MD: 19476
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 19463
API Well Number: 608174038500	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 4990 - 19475	Water Depth: 4020
Public Info Code: Y 30-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 5830	DEF AT first sample examined	DEF AT
5860 / 5860	DEF IN Upper Pleistocene (Ionian) Pontosphaera indoceanica	DEF AT 4
6970 / 6970	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa caribbeanica (flood)	DEF AT 4
7270 / 7270	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
8680 / 8680	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
8710 / 8710	DEF IN Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT 4
9040 / 9040	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
9310 / 9310	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9490 / 9490	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 4
9640 / 9640	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
10840 / 10840	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11410 / 11410	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
12250 / 12250	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
12340 / 12340	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
14440 / 14439	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
16920 / 16916	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
17290 / 17286	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
19090 / 19080	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
19450 / 19437	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
19475 / 19462	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 02-MAR-2001	First Sample Examined: 12085
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 12085 - 13460	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Ken Prospect, 12980=Globigerina nepenthes cortex types and Uvigerina perigrina flood

MD / TVD	Paleo Top Description	Ecozone
12085 / 12076	DEF AT first sample examined	POS AT 5
12086 / 12077	POS AT Oligocene Vicksburg Group/Provincial Stage	POS AT 5
12105 / 12096	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
12140 / 12131	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12560 / 12549	POS IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
12770 / 12759	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
12860 / 12849	POS IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12979 / 12968	DEF AT foram flood	DEF AT 5
12980 / 12969	POS IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 5
13248 / 13237	DEF AT pyrite	DEF IN 5
13249 / 13238	POS AT local marker planktic foram increase	DEF IN 5
13250 / 13239	POS AT Oligocene	DEF IN 5
13460 / 13448	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 03-AUG-2001	First Sample Examined: 4170
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 4170 - 18675	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Ken Prospect, company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4170	DEF AT first sample examined	DEF AT
12080 / 12072	DEF AT -----	DEF IN 4
12085 / 12076	DEF AT base of salt	DEF IN 4
12140 / 12131	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 4
12230 / 12220	DEF AT -----	DEF IN 2
12290 / 12280	DEF AT -----	DEF AT 4
12410 / 12399	DEF AT -----	DEF AT 2
12470 / 12459	DEF AT -----	DEF AT
12530 / 12519	DEF AT -----	DEF IN 4
12830 / 12819	DEF AT -----	DEF AT 2
12890 / 12879	DEF AT -----	DEF IN 4
13070 / 13059	DEF AT -----	DEF AT 2
13130 / 13119	DEF AT -----	DEF IN 3
13190 / 13179	DEF AT -----	DEF IN 2
13250 / 13239	DEF AT -----	DEF AT 2
13310 / 13298	DEF AT -----	DEF IN 1
13370 / 13358	DEF AT -----	DEF AT 2
13430 / 13418	DEF AT -----	DEF AT 4
13490 / 13478	DEF AT -----	DEF AT 2
13550 / 13538	DEF AT -----	DEF AT 4
13670 / 13657	DEF AT -----	DEF IN 3
13790 / 13777	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 03-AUG-2001	First Sample Examined: 4170
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 4170 - 18675	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13850 / 13836	DEF AT -----	DEF AT 3
13910 / 13896	DEF AT -----	DEF IN 1
13970 / 13956	DEF AT -----	DEF AT 3
14030 / 14016	DEF AT -----	DEF IN 3
14090 / 14075	DEF AT -----	DEF AT 3
14150 / 14135	DEF AT -----	DEF IN 2
14210 / 14195	DEF AT -----	DEF AT 2
14330 / 14314	DEF AT -----	DEF IN 2
14390 / 14373	DEF AT -----	DEF AT 3
14420 / 14402	DEF IN Upper Miocene (Tortonian) <i>Catinaster mexicanus</i>	DEF AT 3
14570 / 14549	DEF AT -----	DEF AT 2
14630 / 14607	DEF AT -----	DEF IN 4
14870 / 14836	DEF AT -----	DEF IN 3
14930 / 14892	DEF AT -----	DEF AT 3
14990 / 14947	DEF AT -----	DEF AT 4
15170 / 15112	DEF AT -----	DEF IN 4
15230 / 15166	DEF AT -----	DEF IN 2
15290 / 15220	DEF AT -----	DEF IN 3
15410 / 15329	DEF AT Upper Miocene (Tortonian) <i>Discoaster prepentaradius</i>	DEF IN 4
15470 / 15383	DEF AT -----	DEF IN 3
15530 / 15437	DEF AT -----	DEF AT 3
15590 / 15491	DEF AT -----	DEF IN 3
15650 / 15545	DEF AT -----	DEF IN 4
15710 / 15599	DEF AT -----	DEF IN 3

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 03-AUG-2001	First Sample Examined: 4170
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 4170 - 18675	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15770 / 15653	DEF AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 5
15830 / 15706	DEF AT -----	DEF IN 3
15890 / 15760	DEF AT -----	DEF AT 3
15950 / 15814	DEF AT -----	DEF AT 2
16070 / 15922	DEF AT -----	DEF AT 4
16130 / 15976	DEF AT -----	DEF AT 3
16190 / 16029	DEF AT -----	DEF AT 2
16310 / 16137	DEF AT -----	DEF AT 3
16430 / 16243	DEF AT -----	DEF IN 3
16490 / 16296	DEF AT -----	DEF AT 2
16610 / 16401	DEF AT -----	DEF IN 2
16670 / 16454	DEF AT -----	DEF IN 4
16730 / 16506	DEF AT -----	DEF AT 2
16790 / 16559	DEF AT -----	DEF IN 4
16850 / 16611	DEF AT -----	DEF AT 4
16910 / 16663	DEF AT -----	DEF IN 4
16970 / 16715	DEF AT -----	DEF IN 2
17000 / 16740	DEF AT -----	DEF IN 4
17150 / 16866	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF IN 4
17180 / 16891	DEF AT -----	DEF AT 4
17240 / 16942	DEF AT -----	DEF AT 2
17300 / 16992	DEF AT -----	DEF AT 3
17360 / 17043	DEF AT -----	DEF AT 2
17780 / 17402	DEF AT -----	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 03-AUG-2001	First Sample Examined: 4170
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 4170 - 18675	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17900 / 17504	DEF AT -----	DEF AT 2
18020 / 17603	DEF AT -----	DEF AT 3
18320 / 17847	DEF AT -----	DEF AT 2
18440 / 17944	DEF AT -----	DEF AT 3
18620 / 18090	DEF AT -----	DEF AT 2
18650 / 18114	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 864	Date of Summary: 09-AUG-2001	First Sample Examined: 9170
Lease Number: G15519	Source of Paleo: OPERATOR	Borehole MD: 18675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18134
API Well Number: 608174091300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 9170 - 18650	Water Depth: 6265
Public Info Code: Y 23-JUN-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Ken Prospect, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9170 / 9170	DEF AT first sample examined	DEF AT
12050 / 12042	POS AT Oligocene	DEF AT
12051 / 12043	POS AT Eocene	DEF AT
12140 / 12131	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14420 / 14402	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15290 / 15220	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
16850 / 16611	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
17150 / 16866	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
18650 / 18114	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 899	Date of Summary: 01-FEB-1991	First Sample Examined: 5400
Lease Number: G09896	Source of Paleo: OPERATOR	Borehole MD: 7213
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7213
API Well Number: 608174039200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 5400 - 7200	Water Depth: 4340
Public Info Code: Y 01-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5400 / 5400	DEF AT first sample examined	DEF AT
5850 / 5850	DEF AT sample gap top	DEF AT
6750 / 6750	DEF AT sample gap bottom	DEF AT
7170 / 7170	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
7200 / 7200	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 899	Date of Summary: 18-NOV-1991	First Sample Examined: 6278
Lease Number: G09896	Source of Paleo: OPERATOR	Borehole MD: 19640
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 19630
API Well Number: 608174039600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 1 of 3	Sample Range: 6278 - 19640	Water Depth: 4340
Public Info Code: Y 10-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6278 / 6278	DEF AT first sample examined	DEF AT 4
7050 / 7050	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
8760 / 8760	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
8790 / 8790	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
8850 / 8850	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9150 / 9150	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9210 / 9210	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
9930 / 9930	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10680 / 10680	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11760 / 11760	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
19170 / 19161	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
19640 / 19630	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 899	Date of Summary: 26-MAR-1997	First Sample Examined: 6278
Lease Number: G09896	Source of Paleo: OPERATOR	Borehole MD: 19640
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 19630
API Well Number: 608174039600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 3 of 3	Sample Range: 6278 - 19640	Water Depth: 4340
Public Info Code: Y 10-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report, 11790=Artemisia FAD (palynomorph), 12960=downhole quantitative increase of Amarantaceae (palynomorphs)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6278 / 6278	DEF AT first sample examined	DEF AT 4
6340 / 6340	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
6670 / 6670	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
8700 / 8700	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
8760 / 8760	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 4
8790 / 8790	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 4
8850 / 8850	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8880 / 8880	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
8881 / 8881	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9150 / 9150	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 4
9151 / 9151	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9210 / 9210	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
9930 / 9930	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10200 / 10200	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10230 / 10230	DEF AT Lower Pliocene (Zanclian) Sphenolithus grandis	DEF AT 4
10470 / 10470	DEF AT Lower Pliocene (Zanclian) Discoaster challengerii	DEF AT 4
10680 / 10680	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11760 / 11760	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
11790 / 11790	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
12840 / 12840	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
12960 / 12960	POS IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 899	Date of Summary: 26-MAR-1997	First Sample Examined: 6278
Lease Number: G09896	Source of Paleo: OPERATOR	Borehole MD: 19640
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 19630
API Well Number: 608174039600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 48
Paleo Report Num: 3 of 3	Sample Range: 6278 - 19640	Water Depth: 4340
Public Info Code: Y 10-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13800 / 13800	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
14580 / 14580	DEF AT local marker (general)	DEF AT 4
15960 / 15958	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 4
17100 / 17096	DEF IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 4
17130 / 17126	DEF AT local marker (general)	DEF AT 4
17160 / 17156	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
17610 / 17605	DEF AT local marker (general)	DEF AT 4
18000 / 17994	DEF AT local marker (general)	DEF AT 4
18060 / 18054	DEF AT local marker (general)	DEF AT 4
18200 / 18194	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
19140 / 19131	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
19170 / 19161	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
19640 / 19630	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 911	Date of Summary: 20-MAY-1999	First Sample Examined: 8750
Lease Number: G09899	Source of Paleo: OPERATOR	Borehole MD: 22805
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22805
API Well Number: 608174057400	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 8750 - 22750	Water Depth: 6725
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 8749	DEF AT first sample examined	POS IN 4
8751 / 8750	DEF AT cement	DEF IN 4
8870 / 8869	DEF AT - - - - -	DEF AT 5
8960 / 8959	DEF AT local marker floral increase	POS IN 4
9140 / 9139	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 4
9350 / 9349	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF IN 4
9770 / 9769	DEF AT - - - - -	DEF AT 5
9980 / 9979	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
9981 / 9980	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 5
10010 / 10009	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 5
10130 / 10129	DEF AT - - - - -	DEF IN 4
10220 / 10219	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 4
10340 / 10339	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
10370 / 10369	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
10430 / 10429	DEF AT - - - - -	DEF AT 5
10520 / 10519	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT 5
10580 / 10579	DEF AT - - - - -	DEF IN 4
10910 / 10909	DEF AT local marker floral increase	DEF AT 5
11180 / 11179	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11181 / 11180	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT 5
11240 / 11239	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11540 / 11539	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 911	Date of Summary: 20-MAY-1999	First Sample Examined: 8750
Lease Number: G09899	Source of Paleo: OPERATOR	Borehole MD: 22805
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22805
API Well Number: 608174057400	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 8750 - 22750	Water Depth: 6725
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11541 / 11540	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT 5
11660 / 11659	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
11720 / 11719	DEF AT - - - - -	POS IN 4
12530 / 12529	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	POS IN 4
12680 / 12679	DEF AT - - - - -	DEF AT 5
12710 / 12709	DEF AT - - - - -	POS IN 4
12740 / 12739	POS AT Upper Miocene (Tortonian) Reophax davepopei	POS IN 4
12860 / 12859	DEF AT - - - - -	DEF AT 5
13310 / 13308	DEF AT - - - - -	POS AT 5
13430 / 13428	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	POS AT 5
13550 / 13548	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	POS IN 4
13610 / 13608	DEF AT - - - - -	DEF AT 5
13640 / 13638	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 5
14210 / 14208	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradius	DEF AT 5
14347 / 14345	DEF AT cement	POS AT 5
14410 / 14408	DEF AT Upper Miocene (Tortonian) Discoaster bollii	POS AT 5
14500 / 14498	DEF AT - - - - -	DEF AT 5
14920 / 14918	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 5
15520 / 15518	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
15550 / 15548	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
16180 / 16178	DEF AT Upper Miocene (Tortonian) Helicosphaera walbersdorfensis	DEF AT 5
16600 / 16598	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
16930 / 16928	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
17020 / 17018	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 911	Date of Summary: 20-MAY-1999	First Sample Examined: 8750
Lease Number: G09899	Source of Paleo: OPERATOR	Borehole MD: 22805
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 22805
API Well Number: 608174057400	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 8750 - 22750	Water Depth: 6725
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17590 / 17588	DEF AT Upper Miocene (Tortonian) Discoaster kugleri	DEF AT 5
17680 / 17678	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
17710 / 17708	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
17740 / 17738	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
18970 / 18967	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 5
19120 / 19117	DEF AT - - - - -	DEF IN 5
19540 / 19537	DEF AT - - - - -	POS AT 5
19660 / 19657	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	POS AT 5
22300 / 22296	POS AT Middle Miocene (Langhian) Helicosphaera ampliapertura	POS AT 5
22750 / 22746	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 911	Date of Summary: 19-JUL-1999	First Sample Examined: 22300
Lease Number: G09899	Source of Paleo: OPERATOR	Borehole MD: 24969
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 24958
API Well Number: 608174057401	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 22300 - 24969	Water Depth: 6725
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
22300 / 22291	DEF AT first sample examined	POS AT 5
22950 / 22940	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	POS AT 5
24000 / 23989	DEF AT faunal change (no faunal increase)	DEF AT 5
24479 / 24468	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF IN 5
24480 / 24469	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
24630 / 24619	POS AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF IN 5
24840 / 24829	DEF AT Lower Miocene (Aquitanian) Discoaster saundersi	DEF AT 5
24930 / 24919	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF IN 5
24969 / 24957	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 935	Date of Summary: 24-AUG-1994	First Sample Examined: 5670
Lease Number: G07976	Source of Paleo: OPERATOR	Borehole MD: 16807
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16282
API Well Number: 608174047000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 5670 - 16830	Water Depth: 3918
Public Info Code: Y 22-MAY-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5670 / 5670	DEF AT first sample examined	DEF IN 4
5700 / 5700	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
6090 / 6090	DEF AT - - - -	DEF AT 4
7500 / 7500	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
10440 / 10440	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 4
11010 / 11010	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
11340 / 11340	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
11370 / 11370	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
12840 / 12839	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
13230 / 13229	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
13290 / 13289	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
14970 / 14907	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
16050 / 15742	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
16807 / 16282	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 935	Date of Summary: 25-MAR-1998	First Sample Examined: 5670
Lease Number: G07976	Source of Paleo: OPERATOR	Borehole MD: 16807
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 16282
API Well Number: 608174047000	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 5670 - 16807	Water Depth: 3918
Public Info Code: Y 22-MAY-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 5670	DEF AT first sample examined	POS AT 5
5671 / 5671	DEF AT cement	POS AT 5
5700 / 5700	DEF AT faunal change (no faunal increase)	DEF IN 5
6090 / 6090	DEF AT faunal change (no faunal increase)	DEF IN 5
7410 / 7410	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF IN 4
7500 / 7500	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
10440 / 10440	DEF AT faunal change (no faunal increase)	DEF IN 5
10740 / 10740	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 5
11070 / 11070	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 5
11310 / 11310	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 5
11370 / 11370	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
11760 / 11760	POS AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF IN 5
11970 / 11970	DEF AT faunal change (no faunal increase)	DEF IN 5
12840 / 12839	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
13290 / 13289	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
14760 / 14720	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 5
14970 / 14907	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
15600 / 15414	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF IN 5
16170 / 15829	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5
16807 / 16282	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 935	Date of Summary: 24-AUG-1994	First Sample Examined: 13580
Lease Number: G07976	Source of Paleo: OPERATOR	Borehole MD: 20501
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20499
API Well Number: 608174047001	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 13580 - 20500	Water Depth: 3918
Public Info Code: Y 15-AUG-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13580 / 13579	DEF AT first sample examined	DEF IN 5
14660 / 14659	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
15500 / 15499	DEF AT - - - - -	DEF IN 4
15980 / 15979	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
17270 / 17269	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF IN 5
17920 / 17919	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF IN 5
18790 / 18789	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 5
19150 / 19149	DEF AT - - - - -	DEF AT 6
19430 / 19429	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
20020 / 20018	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
20500 / 20498	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 935	Date of Summary: 25-MAR-1998	First Sample Examined: 13580
Lease Number: G07976	Source of Paleo: OPERATOR	Borehole MD: 20501
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 20499
API Well Number: 608174047001	Drilling Operator: BP EXPLORATION & OIL INC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 13580 - 20500	Water Depth: 3918
Public Info Code: Y 15-AUG-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13580 / 13579	DEF AT first sample examined	DEF IN 5
14540 / 14539	DEF AT foram flood	DEF IN 5
14660 / 14659	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
15500 / 15499	DEF AT - - - - -	DEF IN 4
15650 / 15649	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF IN 4
15980 / 15979	DEF AT faunal change (no faunal increase)	DEF IN 5
16070 / 16069	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 5
16700 / 16699	DEF AT foram flood	DEF IN 5
18010 / 18009	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF IN 5
19150 / 19149	DEF AT - - - - -	DEF AT 6
19600 / 19599	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
20020 / 20018	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
20080 / 20078	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 6
20135 / 20133	DEF AT salt	DEF AT 6
20450 / 20448	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT 6
20470 / 20468	DEF AT foram flood	DEF AT 6
20500 / 20498	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 942	Date of Summary: 15-JUL-1999	First Sample Examined: 6000
Lease Number: G09904	Source of Paleo: OPERATOR	Borehole MD: 18200
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 18200
API Well Number: 608174082400	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6000 - 18210	Water Depth: 3960
Public Info Code: Y 27-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT
6001 / 6001	DEF IN Upper Pleistocene (Ionian) Pontosphaera indoceanica	DEF AT
7470 / 7470	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
7830 / 7830	DEF AT sample gap top	POS AT 4
12989 / 12989	DEF AT sample gap bottom	DEF AT 4
12990 / 12990	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 4
13050 / 13050	POS IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
13710 / 13710	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 4
13740 / 13740	DEF IN Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT 4
14280 / 14280	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
14430 / 14430	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
15150 / 15150	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15210 / 15210	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
16830 / 16829	POS IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
17250 / 17249	DEF IN Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
17610 / 17609	POS IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
18202 / 18200	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 972	Date of Summary: 01-DEC-1995	First Sample Examined: 3960
Lease Number: G13689	Source of Paleo: OPERATOR	Borehole MD: 10088
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10085
API Well Number: 608174052500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3960 - 10080	Water Depth: 2420
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3960 / 3959	DEF AT first sample examined	DEF AT 4
4020 / 4019	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4350 / 4348	DEF AT local marker foram increase	DEF AT 5
5040 / 5038	DEF AT - - - - -	DEF AT 4
5370 / 5368	DEF AT local marker foram increase	DEF AT 5
6300 / 6298	DEF AT local marker foram increase	DEF AT 5
6660 / 6657	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
6900 / 6897	DEF AT - - - - -	DEF AT 4
7500 / 7497	DEF AT - - - - -	POS AT 3
7680 / 7677	DEF AT local marker foram increase	DEF AT 4
7770 / 7767	DEF AT - - - - -	DEF AT 5
7800 / 7797	DEF AT reworked material	DEF AT 5
7920 / 7917	DEF AT - - - - -	POS AT 5
8160 / 8157	DEF AT - - - - -	DEF AT 4
8640 / 8637	DEF AT - - - - -	DEF AT 3
8820 / 8817	DEF AT local marker foram increase	DEF AT 4
8850 / 8847	DEF AT - - - - -	DEF AT 5
8940 / 8937	DEF AT - - - - -	DEF AT 4
9030 / 9027	DEF AT sample gap top	POS AT 4
9145 / 9142	DEF AT sample gap bottom	POS AT 3
9510 / 9507	DEF AT - - - - -	POS AT 3
9960 / 9957	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 972	Date of Summary: 01-DEC-1995	First Sample Examined: 3960
Lease Number: G13689	Source of Paleo: OPERATOR	Borehole MD: 10088
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10085
API Well Number: 608174052500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 3960 - 10080	Water Depth: 2420
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 / 10077	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MC 972	Date of Summary: 25-DEC-1995	First Sample Examined: 3960
Lease Number: G13689	Source of Paleo: OPERATOR	Borehole MD: 10088
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 10085
API Well Number: 608174052500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 3960 - 10080	Water Depth: 2420
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3960 / 3959	DEF AT first sample examined	DEF AT
7800 / 7797	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
10080 / 10077	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 487	Date of Summary: 24-JUL-1994	First Sample Examined: 8000
Lease Number: G07194	Source of Paleo: OPERATOR	Borehole MD: 10850
Well Name: A003	Paleo Done By: PALEO SOURCE	Borehole TVD: 10533
API Well Number: 427034047600	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10850	Water Depth: 65
Public Info Code: Y 21-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 / 7785	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 555	Date of Summary: 12-MAR-1997	First Sample Examined: 0
Lease Number: G03080	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10615
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 9492
API Well Number: 427034008902	Drilling Operator: ENRON CORP	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 16-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6050 / 5420	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6798 / 6013	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8917 / 7831	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 555	Date of Summary: 14-MAR-1994	First Sample Examined: 5760
Lease Number: G03080	Source of Paleo: OPERATOR	Borehole MD: 14665
Well Name: C017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9530
API Well Number: 427034047100	Drilling Operator: ENRON CORP	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 5760 - 14669	Water Depth: 75
Public Info Code: Y 26-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 4342	DEF AT first sample examined	DEF AT 2
6180 / 4546	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7530 / 5295	DEF AT - - - - -	DEF AT 3
7560 / 5311	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7800 / 5447	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10350 / 6974	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10860 / 7282	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11310 / 7553	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13470 / 8734	DEF AT - - - - -	POS AT 4
14669 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 589	Date of Summary: 08-FEB-1993	First Sample Examined: 0
Lease Number: G10196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8945
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8943
API Well Number: 427034044500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 15-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5140 / 5139	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5320 / 5319	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5920 / 5919	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6790 / 6789	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7180 / 7179	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8020 / 8018	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 589	Date of Summary: 18-MAY-1999	First Sample Examined: 0
Lease Number: G10196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8784
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7834
API Well Number: 427034049800	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 15-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4850 / 4824	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
5690 / 5530	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5900 / 5689	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6920 / 6434	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8210 / 7396	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
8750 / 7807	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 591	Date of Summary: 02-APR-1990	First Sample Examined: 5060
Lease Number: G08101	Source of Paleo: OPERATOR	Borehole MD: 12711
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 427034040600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5060 - 12680	Water Depth: 76
Public Info Code: Y 06-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5060 / 5060	DEF AT first sample examined	DEF AT 2
5061 / 5061	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6170 / 6160	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6350 / 6335	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6710 / 6674	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7250 / 7143	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
7640 / 7448	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8900 / 8294	DEF AT Eggerella sp. (local marker)	DEF AT 3
9440 / 8623	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9620 / 8741	DEF AT Bathysiphon fauna	DEF AT 3
9980 / 8982	DEF AT local marker foram increase	DEF AT 4
10040 / 9022	DEF AT Bathysiphon fauna	DEF AT 4
10400 / 9259	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10580 / 9377	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
12380 / 10611	DEF AT Bathysiphon fauna	DEF AT 3
12680 / 10847	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 603	Date of Summary: 27-AUG-1999	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10292
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8967
API Well Number: 427034047900	Drilling Operator: SAMSON CONTOUR ENERGY E&P LLC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 05-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7904	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 620	Date of Summary: 04-OCT-1991	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8956
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8952
API Well Number: 427034043500	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 08-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7772 / 7769	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 620	Date of Summary: 25-AUG-1993	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10453
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 8503
API Well Number: 427034046000	Drilling Operator: SCANA PETROLEUM RESOURCES INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 15-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9360 / 7666	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 620	Date of Summary: 02-MAY-1993	First Sample Examined: 0
Lease Number: G03087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8830
Well Name: JA006	Paleo Done By: OPERATOR	Borehole TVD: 7702
API Well Number: 427034045100	Drilling Operator: SCANA PETROLEUM RESOURCES INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 23-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3999	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7500 / 6806	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 623	Date of Summary: 26-APR-1995	First Sample Examined: 0
Lease Number: G03088	Source of Paleo: OPERATOR	Borehole MD: 13327
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13323
API Well Number: 427034039900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 18-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9470 /	DEF AT first sample examined	DEF IN 3
10130 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF IN 3
10190 /	DEF AT - - - - -	DEF AT 2
10400 /	DEF AT sample gap top	POS AT 2
10820 /	DEF AT sample gap bottom	DEF AT 1
12150 /	DEF AT - - - - -	DEF AT 2
12600 /	DEF AT - - - - -	DEF AT 1
12960 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 1
13020 /	DEF AT - - - - -	DEF AT 2
13290 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
13320 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 624	Date of Summary: 07-NOV-1995	First Sample Examined: 0
Lease Number: G03306	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9470
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 427034049100	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 25-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4530	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6795 / 6760	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8785 / 8716	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 633	Date of Summary: 12-JUL-1990	First Sample Examined: 5030
Lease Number: G06042	Source of Paleo: OPERATOR	Borehole MD: 8950
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8950
API Well Number: 427034041200	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5030 - 8950	Water Depth: 78
Public Info Code: Y 07-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5030 /	DEF AT first sample examined	DEF IN 2
5780 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6290 /	DEF AT Lower Miocene (Burdigalian) Cristellaria "A"	DEF AT 3
7580 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8360 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8950 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 633	Date of Summary: 19-JAN-1996	First Sample Examined: 0
Lease Number: G06042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9688
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9294
API Well Number: 427034044600	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 144
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 14-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 / 4677	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4980 / 4900	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6000 / 5828	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6420 / 6212	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9090 / 8723	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 633	Date of Summary: 24-AUG-1994	First Sample Examined: 4950
Lease Number: G07202	Source of Paleo: OPERATOR	Borehole MD: 9435
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8696
API Well Number: 427034047200	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 134
Paleo Report Num: 1 of 1	Sample Range: 4950 - 9435	Water Depth: 80
Public Info Code: Y 03-SEP-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4950 / 4813	DEF AT first sample examined	DEF AT 2
5060 / 4905	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6170 / 5817	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6740 / 6306	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8090 / 7504	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8990 / 8299	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9435 / 8696	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 634	Date of Summary: 20-MAY-1991	First Sample Examined: 6757
Lease Number: G07202	Source of Paleo: OPERATOR	Borehole MD: 9539
Well Name: F002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9240
API Well Number: 427034038701	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6757 - 9539	Water Depth: 81
Public Info Code: Y 15-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6757 / 6756	DEF AT first sample examined	DEF AT 2
6758 / 6757	DEF IN Lower Miocene (Burdigalian) Cristellaria "A"	DEF AT 2
7660 / 7659	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8500 / 8499	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9310 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9539 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 636	Date of Summary: 19-NOV-1994	First Sample Examined: 0
Lease Number: G13768	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18834
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18803
API Well Number: 427034046100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 01-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 / 12797	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
14960 / 14951	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
18080 / 18041	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 636	Date of Summary: 18-JAN-1995	First Sample Examined: 0
Lease Number: G13768	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13718
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13707
API Well Number: 427034047800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 86
Public Info Code: Y 01-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12290 / 12285	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 638	Date of Summary: 11-APR-1990	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11356
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9527
API Well Number: 427034040900	Drilling Operator: ENRON CORP	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 18-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5870 / 5008	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6902 / 5760	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7605 / 6275	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 638	Date of Summary: 23-NOV-1994	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9775
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9082
API Well Number: 427034037200	Drilling Operator: ENRON CORP	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5340 / 5137	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6040 / 5726	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7450 / 6961	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8130 / 7577	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 638	Date of Summary: 06-SEP-1994	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10061
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 9105
API Well Number: 427034040800	Drilling Operator: ENRON CORP	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 10-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5340 / 5157	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6040 / 5728	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7450 / 6935	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8130 / 7509	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 638	Date of Summary: 21-APR-1998	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10457
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 9138
API Well Number: 427034046800	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 26-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7055 / 5832	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8242 / 6940	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10350 / 9032	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 638	Date of Summary: 20-NOV-1997	First Sample Examined: 0
Lease Number: G06044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10237
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 9352
API Well Number: 427034046900	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 16-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6758 / 6011	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7763 / 6908	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 654	Date of Summary: 14-AUG-1990	First Sample Examined: 0
Lease Number: G04546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14759
Well Name: H002	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 427034041900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 31-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10252 / 9635	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11863 / 11010	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 664	Date of Summary: 09-OCT-1990	First Sample Examined: 0
Lease Number: G03463	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8458
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6686
API Well Number: 427034042500	Drilling Operator: ENRON CORP	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 13-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4193 / 3730	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6153 / 5093	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7598 / 6141	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 672	Date of Summary: 06-AUG-1993	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10760
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7742
API Well Number: 427034045700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 18-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9720 / 7036	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 672	Date of Summary: 13-AUG-1993	First Sample Examined: 0
Lease Number: G10198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10198
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 8556
API Well Number: 427034045800	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 16-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6015 / 5887	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 672	Date of Summary: 20-JUL-1990	First Sample Examined: 0
Lease Number: G11268	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8525
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7904
API Well Number: 427034040700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 31-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5517	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7705 / 7129	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 672	Date of Summary: 27-JAN-1992	First Sample Examined: 0
Lease Number: G11268	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8550
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7529
API Well Number: 427034043700	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 30-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6885 / 6042	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8227 / 7223	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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End Date: 31-DEC-2004

Area Block: MI 672	Date of Summary: 15-SEP-1993	First Sample Examined: 0
Lease Number: G11268	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9463
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7557
API Well Number: 427034046200	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 30-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 6061	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9090 / 7270	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 681	Date of Summary: 21-JUN-1993	First Sample Examined: 0
Lease Number: G05171	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9516
Well Name: JA012	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 427034045500	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 19-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6132	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7802 / 7187	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 682	Date of Summary: 07-MAR-1990	First Sample Examined: 3570
Lease Number: G05171	Source of Paleo: OPERATOR	Borehole MD: 9426
Well Name: B001	Paleo Done By: DAVID L. DUNN	Borehole TVD: 9426
API Well Number: 427034041500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3570 - 9430	Water Depth: 115
Public Info Code: Y 01-APR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3570 / 3570	DEF AT first sample examined	DEF AT 1
3571 / 3571	POS IN Miocene	DEF AT 1
4920 / 4920	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5640 / 5640	DEF AT - - - - -	DEF AT 3
6150 / 6150	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6200 / 6200	DEF AT - - - - -	DEF AT 2
6900 / 6900	DEF AT - - - - -	DEF AT 3
7240 / 7240	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8260 / 8260	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
8740 / 8740	DEF AT - - - - -	DEF AT 2
9160 / 9160	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
9430 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 683	Date of Summary: 01-MAR-1993	First Sample Examined: 0
Lease Number: G03733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9300
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7343
API Well Number: 427034044400	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 19-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6805 / 5517	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7960 / 6376	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 683	Date of Summary: 25-MAR-1993	First Sample Examined: 0
Lease Number: G03733	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8984
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 7488
API Well Number: 427034044700	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 07-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6215 / 5295	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6680 / 5655	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7648 / 6417	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 683	Date of Summary: 24-MAY-1993	First Sample Examined: 0
Lease Number: G13290	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7995
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 427034045000	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 122
Public Info Code: Y 05-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 5701	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6690 / 6524	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 683	Date of Summary: 22-MAR-1993	First Sample Examined: 0
Lease Number: G13290	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7494
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7494
API Well Number: 427034043900	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 05-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 5660	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6415 / 6415	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 688	Date of Summary: 03-JAN-1990	First Sample Examined: 0
Lease Number: G08548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6100
API Well Number: 427034040500	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 14-JAN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3586 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4380 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 704	Date of Summary: 26-JAN-1990	First Sample Examined: 0
Lease Number: G10203	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9302
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9301
API Well Number: 427034040200	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 15-JAN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6350 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9230 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 705	Date of Summary: 04-DEC-1990	First Sample Examined: 0
Lease Number: G09001	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9697
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427034039600	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 12-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 4990	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6850 / 6063	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8570 / 7724	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 705	Date of Summary: 10-OCT-1990	First Sample Examined: 0
Lease Number: G09001	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9893
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9009
API Well Number: 427034042600	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 24-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 5013	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7070 / 6288	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8750 / 7898	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 705	Date of Summary: 19-DEC-1997	First Sample Examined: 12020
Lease Number: G09001	Source of Paleo: OPERATOR	Borehole MD: 14401
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12687
API Well Number: 427034051400	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 12020 - 14360	Water Depth: 144
Public Info Code: Y 01-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
12020 / 11056	DEF AT first sample examined	DEF AT 4
12590 / 11443	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
13250 / 11901	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13550 / 12114	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
14360 / 12661	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 709	Date of Summary: 24-JAN-1995	First Sample Examined: 0
Lease Number: G10203	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10865
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10523
API Well Number: 427034046700	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 18-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6855 / 6733	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9634 / 9333	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MI 709	Date of Summary: 18-FEB-1994	First Sample Examined: 6020
Lease Number: G13295	Source of Paleo: OPERATOR	Borehole MD: 10480
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10475
API Well Number: 427034047000	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6020 - 10480	Water Depth: 148
Public Info Code: Y 17-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 6016	DEF AT first sample examined	DEF AT 3
6620 / 6616	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7250 / 7246	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8450 / 8446	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
8810 / 8806	DEF AT - - - - -	DEF AT 4
9095 / 9091	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10480 / 10475	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 823	Date of Summary: 12-NOV-1991	First Sample Examined: 0
Lease Number: G05057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22580
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 21597
API Well Number: 608154005401	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 144
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 01-FEB-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1620 / 1616	POS AT Miocene	DEF AT
3240 / 3233	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
3870 / 3863	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT
4140 / 4133	DEF AT Upper Eocene Ocala Formation	DEF AT
4980 / 4972	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
6289 / 6281	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
7610 / 7602	DEF AT Upper Cretaceous "Upper" Eutaw Formation	DEF AT
8485 / 8477	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
9870 / 9862	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
11730 / 11719	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
12690 / 12666	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13470 / 13396	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14490 / 14297	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
16900 / 16478	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20640 / 19795	DEF AT Jurassic Buckner Formation	DEF AT
21330 / 20417	DEF AT Jurassic Smackover Formation	DEF AT
22535 / 21554	DEF AT Jurassic Norphlet Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 823	Date of Summary: 14-FEB-1992	First Sample Examined: 0
Lease Number: G05057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22580
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 21597
API Well Number: 608154005401	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 144
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 01-FEB-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
2307 / 2301	DEF AT local marker (general)	DEF AT
6337 / 6329	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
8537 / 8529	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
11787 / 11776	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13577 / 13491	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
17637 / 17155	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20742 / 19886	DEF IN Jurassic Haynesville Formation	DEF AT
21389 / 20470	DEF AT Jurassic Smackover Formation	DEF AT
22215 / 21243	DEF AT Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 823	Date of Summary: 15-JAN-1992	First Sample Examined: 0
Lease Number: G05057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23010
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 21920
API Well Number: 608154006300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 25-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand, 2260=Amos sand

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2260	DEF AT sand	DEF AT
6290 / 6290	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
7960 / 7960	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
11809 / 11788	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13568 / 13431	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14862 / 14595	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17770 / 17042	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20726 / 19736	DEF IN Jurassic Haynesville Formation	DEF AT
22464 / 21388	DEF IN Jurassic Norphlet Formation	DEF AT
23003 / 21914	DEF AT Jurassic Pine Hill Anhydrite Member	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 823	Date of Summary: 01-NOV-1991	First Sample Examined: 0
Lease Number: G05057	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22887
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 21881
API Well Number: 608154006600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 10-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3240 / 3240	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
6290 / 6290	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
7960 / 7959	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
11790 / 11786	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13470 / 13433	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14760 / 14592	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
20640 / 19742	DEF IN Jurassic Haynesville Formation	DEF AT
22522 / 21520	DEF IN Jurassic Norphlet Formation	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 829	Date of Summary: 31-AUG-1999	First Sample Examined: 0
Lease Number: G13976	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23603
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21876
API Well Number: 608154011000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 29-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: 2780=Tampa Limestone

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 / 2780	DEF IN Miocene	DEF AT
3600 / 3600	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT
5790 / 5789	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
9990 / 9989	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
12280 / 12279	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13050 / 13049	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14565 / 14563	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17050 / 16788	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
21280 / 20135	DEF AT Jurassic Haynesville Formation	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 829	Date of Summary: 05-OCT-1999	First Sample Examined: 0
Lease Number: G13976	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23753
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21966
API Well Number: 608154011001	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 29-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: 2780=Tampa Limestone

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 / 2780	DEF IN Miocene	DEF AT
3600 / 3600	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT
5790 / 5789	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
9990 / 9989	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
12280 / 12279	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13050 / 13049	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14565 / 14563	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17050 / 16786	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
21280 / 20133	DEF AT Jurassic Haynesville Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 861	Date of Summary: 30-NOV-1993	First Sample Examined: 0
Lease Number: G05062	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22103
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 22099
API Well Number: 608154007200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 18-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21941 / 21937	DEF AT Jurassic Norphlet Formation	DEF AT 0

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 869	Date of Summary: 19-JUL-1994	First Sample Examined: 0
Lease Number: G06848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22082
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 21895
API Well Number: 608154008200	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: 2968=Amos sand

MD / TVD	Paleo Top Description	Ecozone
2968 / 2968	DEF AT sand	DEF AT
3338 / 3338	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
3874 / 3874	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT
4105 / 4105	DEF AT Upper Eocene Ocala Formation	DEF AT
6154 / 6154	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
7564 / 7564	DEF AT Upper Cretaceous "Upper" Eutaw Formation	DEF AT
7923 / 7923	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
8936 / 8936	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
10002 / 10002	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
11598 / 11592	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
12610 / 12579	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13402 / 13342	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14770 / 14648	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
17018 / 16840	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
19870 / 19685	DEF IN Jurassic Haynesville Formation	DEF AT
20830 / 20644	DEF AT Jurassic Smackover Formation	DEF AT
21703 / 21517	DEF AT Jurassic Norphlet Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 908	Date of Summary: 24-MAR-1995	First Sample Examined: 0
Lease Number: G05071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 22547
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 22544
API Well Number: 608154008000	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 63
Public Info Code: Y 01-NOV-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3997 / 3997	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
6784 / 6783	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
9600 / 9599	DEF AT Lower (Early) Cretaceous	DEF AT
12162 / 12161	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
18043 / 18041	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20465 / 20463	DEF AT Jurassic Haynesville Formation	DEF AT
21061 / 21059	DEF AT Jurassic Smackover Formation	DEF AT
22151 / 22149	DEF AT Jurassic Norphlet Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 916	Date of Summary: 17-DEC-1991	First Sample Examined: 0
Lease Number: G05753	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23066
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 23066
API Well Number: 608154007100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 06-JAN-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: 3156=Tampa Limestone

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3156 / 3156	DEF IN Miocene	DEF AT
5964 / 5964	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
13378 / 13378	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
17267 / 17267	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
20572 / 20572	DEF AT Jurassic Haynesville Formation	DEF AT
22620 / 22619	DEF AT Jurassic Norphlet Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 916	Date of Summary: 22-DEC-1991	First Sample Examined: 1500
Lease Number: G05753	Source of Paleo: OPERATOR	Borehole MD: 23066
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 23066
API Well Number: 608154007100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 23050	Water Depth: 49
Public Info Code: Y 06-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8280=Lower Cenomanian Praeglobotruncana delrioensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT
1590 / 1590	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
1980 / 1980	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
2610 / 2610	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
2820 / 2820	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
2910 / 2910	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
3060 / 3060	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
3120 / 3120	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
3390 / 3390	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
3780 / 3780	DEF AT Lower Oligocene (Rupelian) Textularia mississippiensis seligi	DEF AT
3840 / 3840	DEF AT Lower Oligocene (Rupelian) Cibicides mississippiensis	DEF AT
4020 / 4020	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT
4200 / 4200	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT
4320 / 4320	DEF AT Lower Eocene (Ypresian) Morozovella quetra	DEF AT
4380 / 4380	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT
4470 / 4470	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
4860 / 4860	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
5400 / 5400	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
5640 / 5640	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT
5940 / 5940	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT
6150 / 6150	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
6480 / 6480	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 916	Date of Summary: 22-DEC-1991	First Sample Examined: 1500
Lease Number: G05753	Source of Paleo: OPERATOR	Borehole MD: 23066
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 23066
API Well Number: 608154007100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 1500 - 23050	Water Depth: 49
Public Info Code: Y 06-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6630 / 6630	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
7470 / 7470	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT
7920 / 7920	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
8160 / 8160	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
8280 / 8280	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
8940 / 8940	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT
9210 / 9210	POS AT Lower Cretaceous (Albian) Cytheridea goodlandensis (ostracod)	DEF AT
11880 / 11880	DEF AT charophytes	DEF AT
12000 / 12000	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
13050 / 13050	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
15900 / 15900	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
17820 / 17820	DEF AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT
18000 / 18000	DEF AT Lower Cretaceous (Valanginian) Everticyclammina virginulina	DEF AT
23050 / 23049	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 916	Date of Summary: 27-MAY-1998	First Sample Examined: 0
Lease Number: G05753	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23026
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 23023
API Well Number: 608154007900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 14-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
21269 / 21267	DEF AT Jurassic Smackover Formation	DEF AT 0
22816 / 22813	DEF IN Jurassic Norphlet Formation	DEF AT 0

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MO 1005	Date of Summary: 12-JUN-2001	First Sample Examined: 0
Lease Number: G15407	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23000
API Well Number: 608154011600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 28-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20879 / 20878	DEF AT Jurassic Haynesville Formation	DEF AT 0
21869 / 21868	DEF AT Jurassic Smackover Formation	DEF AT 0
22454 / 22452	DEF IN Jurassic Smackover Formation	DEF AT 0
22775 / 22773	DEF AT pyrite	DEF AT
22802 / 22800	DEF AT Jurassic Norphlet Formation	DEF AT 0
23000 / 22998	DEF IN Jurassic Norphlet Formation	DEF AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 18	Date of Summary: 12-OCT-1994	First Sample Examined: 0
Lease Number: G01963	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7533
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5898
API Well Number: 177254058800	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 15-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 4399	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4910 / 4909	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6020 / 5764	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 18	Date of Summary: 12-FEB-1998	First Sample Examined: 0
Lease Number: G01963	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8160
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5143
API Well Number: 177254059100	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 15-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 3964	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6350 / 4912	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 20	Date of Summary: 26-JUN-2001	First Sample Examined: 0
Lease Number: G21138	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16676
API Well Number: 177254069700	Drilling Operator: DEVON ENERGY PRODUCTION COMPANY LP	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 22-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7230 / 7230	DEF AT Upper (Late) Miocene	DEF AT
16720 / 16595	DEF AT Oligocene	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 64	Date of Summary: 12-NOV-1992	First Sample Examined: 6000
Lease Number: G04909	Source of Paleo: OPERATOR	Borehole MD: 17030
Well Name: 020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16254
API Well Number: 177254056400	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6000 - 17030	Water Depth: 40
Public Info Code: Y 07-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF IN 2
6120 / 6120	DEF AT - - - - -	DEF AT 3
6420 / 6420	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7500 / 7499	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
8010 / 8009	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
9360 / 9359	DEF AT - - - - -	DEF AT 4
10440 / 10439	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10530 / 10529	DEF AT - - - - -	DEF AT 5
11640 / 11638	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
11940 / 11938	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13350 / 13347	DEF AT - - - - -	DEF AT 6
13440 / 13437	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14100 / 14096	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
16890 / 16875	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
17030 / 17014	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 69	Date of Summary: 03-MAY-1991	First Sample Examined: 0
Lease Number: 00372	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16692
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16686
API Well Number: 177254055600	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 23-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5120 / 5120	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5510 / 5510	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6800 / 6799	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
7910 / 7909	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10970 / 10969	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11690 / 11689	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12500 / 12499	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13850 / 13848	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14900 / 14896	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 69	Date of Summary: 21-APR-1992	First Sample Examined: 3500
Lease Number: 00372	Source of Paleo: OPERATOR	Borehole MD: 17030
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17017
API Well Number: 177254056200	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 4	Sample Range: 3500 - 10430	Water Depth: 52
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF IN 2
4460 / 4455	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
4520 / 4515	DEF AT faunal change (no faunal increase)	DEF AT 3
5420 / 5412	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6500 / 6491	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
6770 / 6761	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7340 / 7331	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
7490 / 7481	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
8180 / 8171	DEF AT Eggerella 3 (local marker)	DEF AT 3
8990 / 8981	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9320 / 9311	DEF AT local marker foram increase	DEF AT 4
9650 / 9641	DEF AT local marker deep water fauna	DEF AT 4
10430 / 10420	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 69	Date of Summary: 21-APR-1992	First Sample Examined: 6500
Lease Number: 00372	Source of Paleo: OPERATOR	Borehole MD: 17030
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17017
API Well Number: 177254056200	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 4	Sample Range: 6500 - 10430	Water Depth: 52
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
6500 / 6491	DEF AT first sample examined	DEF AT
6710 / 6701	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
7490 / 7481	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
9200 / 9191	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
10250 / 10240	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
10430 / 10420	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 69	Date of Summary: 21-APR-1992	First Sample Examined: 10400
Lease Number: 00372	Source of Paleo: OPERATOR	Borehole MD: 17030
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17017
API Well Number: 177254056200	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 3 of 4	Sample Range: 10400 - 17030	Water Depth: 52
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
10400 / 10390	DEF AT first sample examined	DEF AT 4
11870 / 11860	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11930 / 11920	DEF AT local marker deep water fauna	DEF AT 5
12170 / 12160	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
12800 / 12790	DEF AT Eggerella 3 (local marker)	DEF AT 5
13430 / 13420	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13610 / 13600	DEF AT Bathysiphon fauna	DEF AT 6
13850 / 13840	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
14060 / 14050	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 6
14450 / 14439	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
14900 / 14889	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
15560 / 15548	DEF AT foram flood	DEF AT 6
17030 / 17017	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 69	Date of Summary: 21-APR-1992	First Sample Examined: 10400
Lease Number: 00372	Source of Paleo: OPERATOR	Borehole MD: 17030
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17017
API Well Number: 177254056200	Drilling Operator: GLOBAL MARINE OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 4 of 4	Sample Range: 10400 - 17030	Water Depth: 52
Public Info Code: Y 08-MAY-2002	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack 2

MD / TVD	Paleo Top Description	Ecozone
10400 / 10390	DEF AT first sample examined	DEF AT
12470 / 12460	POS AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
13280 / 13270	POS AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
13910 / 13900	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
14780 / 14769	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (very rare)	DEF AT
17030 / 17017	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 70	Date of Summary: 19-JAN-1995	First Sample Examined: 7530
Lease Number: G09703	Source of Paleo: OPERATOR	Borehole MD: 19020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19015
API Well Number: 177254058600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7530 - 19000	Water Depth: 58
Public Info Code: Y 05-DEC-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7530 / 7530	DEF AT first sample examined	DEF AT
7830 / 7830	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
10830 / 10829	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
11160 / 11159	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12930 / 12929	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
14340 / 14338	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
14520 / 14518	DEF IN Middle Miocene (Serravallian) Coccolithus miopelagicus (increase)	DEF AT 5
14580 / 14578	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
14730 / 14728	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
18294 / 18291	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
18720 / 18716	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
19000 / 18996	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: MP 72	Date of Summary: 15-FEB-2001	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 8569
API Well Number: 177254022501	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5209	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5640 / 5446	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8010 / 7533	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 72	Date of Summary: 11-APR-1996	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11805
Well Name: C019	Paleo Done By: OPERATOR	Borehole TVD: 11220
API Well Number: 177254059000	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 24-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5580 / 5547	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6420 / 6268	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7710 / 7394	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10740 / 10156	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 91	Date of Summary: 20-NOV-1998	First Sample Examined: 0
Lease Number: G19854	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8059
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7762
API Well Number: 177254065900	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 31-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2380 / 2373	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3286 / 3202	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4709 / 4442	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5190 / 4903	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 107	Date of Summary: 31-JUL-1996	First Sample Examined: 0
Lease Number: G07804	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14677
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13725
API Well Number: 177254059800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 30-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13628 / 12872	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 108	Date of Summary: 24-AUG-1995	First Sample Examined: 0
Lease Number: G04832	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14150
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12438
API Well Number: 177254057000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 30-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13552 / 11907	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 114	Date of Summary: 03-JAN-2001	First Sample Examined: 0
Lease Number: G21141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12005
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12003
API Well Number: 177254069500	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5980	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7865 / 7865	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9620 / 9619	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
10960 / 10958	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 141	Date of Summary: 16-MAY-1994	First Sample Examined: 0
Lease Number: G09710	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177254057500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 04-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7850	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 141	Date of Summary: 16-MAY-1994	First Sample Examined: 0
Lease Number: G09710	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8552
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7977
API Well Number: 177254058300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 22-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 7711	DEF AT Cyclammina sp. (local marker)	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 158	Date of Summary: 19-NOV-1996	First Sample Examined: 0
Lease Number: G05705	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10764
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177244075600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 132
Public Info Code: Y 06-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6080 / 5940	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
7700 / 6995	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8030 / 7203	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9620 / 8224	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
10520 / 8836	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 181	Date of Summary: 18-JAN-1991	First Sample Examined: 2310
Lease Number: G12092	Source of Paleo: OPERATOR	Borehole MD: 6170
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6000
API Well Number: 177244050900	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2310 - 6150	Water Depth: 137
Public Info Code: Y 30-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2310 / 2310	DEF AT first sample examined	POS IN 3
2311 / 2311	DEF IN cement	POS IN 3
2400 / 2400	DEF AT - - - - -	DEF IN 3
2760 / 2760	DEF AT - - - - -	DEF AT 2
3030 / 3030	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3720 / 3704	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5040 / 4941	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6090 / 5925	POS AT - - - - -	DEF AT 4
6150 / 5982	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 181	Date of Summary: 13-DEC-1991	First Sample Examined: 0
Lease Number: G12092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8290
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5851
API Well Number: 177244055400	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 133
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 01-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 / 3092	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4220 / 3462	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5330 / 4075	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6950 / 4978	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 181	Date of Summary: 07-FEB-1996	First Sample Examined: 0
Lease Number: G12092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6546
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5695
API Well Number: 177244067000	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 16-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 3512	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5050 / 4311	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 187	Date of Summary: 09-JUL-1998	First Sample Examined: 0
Lease Number: G08756	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4022
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 3199
API Well Number: 177244049500	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 30-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1634 / 1485	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 187	Date of Summary: 06-JUL-1999	First Sample Examined: 4010
Lease Number: G08756	Source of Paleo: OPERATOR	Borehole MD: 8551
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5894
API Well Number: 177244083300	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 130
Paleo Report Num: 1 of 2	Sample Range: 4010 - 8540	Water Depth: 155
Public Info Code: Y 04-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4010 / 3355	DEF AT first sample examined	DEF AT 2
4250 / 3487	DEF AT - - - - -	DEF AT 3
5510 / 4193	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5900 / 4404	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7190 / 5118	DEF AT - - - - -	DEF AT 4
8540 / 5888	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 187	Date of Summary: 06-JUL-1999	First Sample Examined: 0
Lease Number: G08756	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8551
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5894
API Well Number: 177244083300	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 130
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 04-JAN-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 4193	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5900 / 4404	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 198	Date of Summary: 13-JUL-1998	First Sample Examined: 0
Lease Number: G13659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177244071500	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7896 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Start Date: 01-JAN-2000

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Area Block: MP 198	Date of Summary: 20-FEB-1997	First Sample Examined: 4178
Lease Number: G13659	Source of Paleo: OPERATOR	Borehole MD: 11918
Well Name: A002	Paleo Done By: PALEO SOURCE	Borehole TVD: 9945
API Well Number: 177244075100	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 4178 - 11918	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4178 / 3481	DEF AT first sample examined	POS AT 2
4179 / 3481	DEF AT poor sample interval top	POS AT 2
4420 / 3640	POS AT Upper Miocene (Messinian) Discoaster berggrenii	POS AT 2
4660 / 3803	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 2
4920 / 3978	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 2
5080 / 4087	POS AT local marker foram increase	POS AT 3
6190 / 4832	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
6309 / 4913	DEF AT poor sample interval bottom	DEF AT 4
6310 / 4913	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
6850 / 5284	DEF AT local marker foram increase	DEF AT 4
7090 / 5448	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
7149 / 5488	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 4
7150 / 5489	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
7330 / 5612	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
7720 / 5891	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
7930 / 6054	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
8500 / 6555	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8590 / 6638	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
8740 / 6779	DEF AT Upper Miocene (Tortonian) Discoaster kugleri	DEF AT 4
10400 / 8427	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10460 / 8487	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 4
10490 / 8517	DEF AT local marker deep water fauna	DEF AT 4

This report contains public paleo reports only for the time period stated

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End Date: 31-DEC-2004

Area Block: MP 198	Date of Summary: 20-FEB-1997	First Sample Examined: 4178
Lease Number: G13659	Source of Paleo: OPERATOR	Borehole MD: 11918
Well Name: A002	Paleo Done By: PALEO SOURCE	Borehole TVD: 9945
API Well Number: 177244075100	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 4178 - 11918	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11270 / 9297	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT 4
11300 / 9327	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11870 / 9897	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
11918 / 9945	DEF AT last sample examined	DEF AT 5

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Area Block: MP 198	Date of Summary: 30-MAR-2000	First Sample Examined: 0
Lease Number: G13659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12364
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8835
API Well Number: 177244084600	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11512 / 8167	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 198	Date of Summary: 21-FEB-2000	First Sample Examined: 0
Lease Number: G13659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10511
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9184
API Well Number: 177244085600	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4345 / 4258	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5426 / 5293	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5914 / 5766	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
7090 / 6905	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7683 / 7414	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
10170 / 8986	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 198	Date of Summary: 17-JUL-2000	First Sample Examined: 0
Lease Number: G13659	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9799
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9001
API Well Number: 177244085800	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 29-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6210 / 6167	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
8410 / 7905	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 199	Date of Summary: 02-AUG-1995	First Sample Examined: 0
Lease Number: G12093	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11377
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11296
API Well Number: 177244070400	Drilling Operator: UMC PETROLEUM CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 20-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 9209	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 199	Date of Summary: 17-JAN-2000	First Sample Examined: 0
Lease Number: G12093	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13318
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11205
API Well Number: 177244086300	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 20-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6908 / 6204	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8570 / 7471	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10900 / 9252	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13050 / 10966	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 200	Date of Summary: 08-NOV-2000	First Sample Examined: 0
Lease Number: G15378	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177244086700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 02-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7699	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8250 / 8249	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
9370 / 9369	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 201	Date of Summary: 01-MAR-1999	First Sample Examined: 1000
Lease Number: G18111	Source of Paleo: OPERATOR	Borehole MD: 3700
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 3700
API Well Number: 177244082900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 3700	Water Depth: 167
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1001 / 1001	DEF AT shell fragments	DEF AT 2
1002 / 1002	DEF AT sand	DEF AT 2
1003 / 1003	DEF AT local marker foram increase	DEF AT 2
1120 / 1120	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1840 / 1840	DEF AT local marker foram increase	DEF AT 3
2110 / 2110	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	POS AT 3
2710 / 2710	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
2980 / 2980	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
3700 / 3700	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 210	Date of Summary: 25-MAY-1999	First Sample Examined: 0
Lease Number: G19861	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 177244083600	Drilling Operator: SNYDER OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 25-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5540 / 5540	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5630 / 5630	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 211	Date of Summary: 03-JUL-1996	First Sample Examined: 0
Lease Number: G15381	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10799
API Well Number: 177244073100	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 7400	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8920 / 8920	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
10105 / 10104	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 217	Date of Summary: 01-OCT-1995	First Sample Examined: 3530
Lease Number: G14580	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 9800
API Well Number: 177244070700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3530 - 9800	Water Depth: 167
Public Info Code: Y 19-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3530	DEF AT first sample examined	DEF AT 3
3531 / 3531	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
3532 / 3532	DEF IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
3770 / 3770	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT 3
4190 / 4190	DEF AT local marker foram increase	DEF IN 3
4219 / 4219	POS AT condensed section	DEF IN 3
4220 / 4220	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF IN 3
5600 / 5600	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 4
5809 / 5809	DEF AT condensed section	DEF IN 4
5810 / 5810	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradius	DEF IN 4
5870 / 5870	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
5990 / 5990	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
6170 / 6170	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 5
6880 / 6880	DEF AT pyrite	DEF AT 5
7450 / 7450	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
7510 / 7510	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
7660 / 7660	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
7840 / 7840	POS AT unconformity	DEF AT 5
8650 / 8650	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
8800 / 8800	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
8890 / 8890	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
9070 / 9070	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5

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Start Date: 01-JAN-2000

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Area Block: MP 217	Date of Summary: 01-OCT-1995	First Sample Examined: 3530
Lease Number: G14580	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 9800
API Well Number: 177244070700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3530 - 9800	Water Depth: 167
Public Info Code: Y 19-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9190 / 9190	DEF AT pyrite	DEF AT 5
9250 / 9250	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
9430 / 9430	DEF AT drilling material	DEF AT 5
9520 / 9520	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
9700 / 9700	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
9760 / 9760	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 6
9800 / 9799	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 217	Date of Summary: 20-JUN-1996	First Sample Examined: 3520
Lease Number: G14580	Source of Paleo: OPERATOR	Borehole MD: 11814
Well Name: B001	Paleo Done By: PALEO SOURCE	Borehole TVD: 10150
API Well Number: 177244073200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3520 - 11814	Water Depth: 173
Public Info Code: Y 19-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3520 / 3520	DEF AT first sample examined	DEF AT 3
3521 / 3521	POS IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
4180 / 4180	DEF AT local marker foram increase	DEF IN 3
4450 / 4450	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT 4
4630 / 4630	DEF AT local marker foram increase	DEF AT 4
5979 / 5979	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT 5
5980 / 5980	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
6040 / 6040	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
6280 / 6280	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
6370 / 6370	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
7510 / 7485	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 5
7540 / 7512	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
7990 / 7907	DEF AT local marker foram increase	DEF AT 5
8080 / 7981	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT 5
8139 / 8028	DEF AT reworked material	DEF AT 5
8140 / 8029	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
8919 / 8541	DEF AT reworked material	DEF AT 5
8920 / 8541	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
9280 / 8735	DEF AT local marker foram increase	DEF AT 5
9880 / 9060	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
10190 / 9231	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
10250 / 9265	POS AT transported shelf fauna	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 217	Date of Summary: 20-JUN-1996	First Sample Examined: 3520
Lease Number: G14580	Source of Paleo: OPERATOR	Borehole MD: 11814
Well Name: B001	Paleo Done By: PALEO SOURCE	Borehole TVD: 10150
API Well Number: 177244073200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3520 - 11814	Water Depth: 173
Public Info Code: Y 19-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 / 9282	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
10460 / 9383	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 5
10730 / 9534	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
11814 / 10150	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 224	Date of Summary: 03-JUN-1997	First Sample Examined: 0
Lease Number: G13032	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177244078000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 242
Public Info Code: Y 07-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6470 / 6470	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7070 / 7070	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7880 / 7880	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8210 / 8210	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
8750 / 8750	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 225	Date of Summary: 17-JUN-1996	First Sample Examined: 0
Lease Number: G13034	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13915
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10323
API Well Number: 177244073500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 255
Public Info Code: Y 07-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12345 / 10240	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 233	Date of Summary: 09-MAR-2001	First Sample Examined: 0
Lease Number: G16509	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12868
API Well Number: 177244086400	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6175 / 5738	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7320 / 6741	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
9570 / 8748	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11130 / 10209	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT
11131 / 10210	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
11430 / 10505	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
13440 / 12504	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 247	Date of Summary: 21-FEB-1997	First Sample Examined: 3950
Lease Number: G16513	Source of Paleo: OPERATOR	Borehole MD: 13600
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 12405
API Well Number: 177244076600	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3950 - 13580	Water Depth: 270
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3891	DEF AT first sample examined	DEF AT 3
4070 / 3997	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4310 / 4207	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
4909 / 4735	DEF AT Cyclammina sp. (local marker)	DEF AT 4
4910 / 4736	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
5450 / 5216	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
6770 / 6386	POS AT deepwater facies Listerella fauna	DEF AT 5
8180 / 7660	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
9800 / 9069	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10400 / 9595	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11540 / 10577	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11660 / 10682	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
13460 / 12278	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
13580 / 12387	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 255	Date of Summary: 27-JUL-1990	First Sample Examined: 0
Lease Number: G07825	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9607
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8470
API Well Number: 177244047701	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 02-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 / 2520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6060 / 5664	POS AT Miocene	DEF AT
8610 / 7690	POS AT Lower (Early) Miocene	DEF AT

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End Date: 31-DEC-2004

Area Block: MP 255	Date of Summary: 21-JAN-1995	First Sample Examined: 0
Lease Number: G07825	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11108
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8504
API Well Number: 177244049700	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 26-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8470 / 6479	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10870 / 8304	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 256	Date of Summary: 23-FEB-1999	First Sample Examined: 0
Lease Number: G15388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11889
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8598
API Well Number: 177244080000	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 345
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10858 / 7949	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 256	Date of Summary: 04-MAR-1999	First Sample Examined: 0
Lease Number: G15388	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13279
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 177244080500	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 348
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12215 / 7978	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 257	Date of Summary: 12-APR-1997	First Sample Examined: 3640
Lease Number: G15388	Source of Paleo: OPERATOR	Borehole MD: 11530
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9851
API Well Number: 177244077401	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3640 - 11530	Water Depth: 347
Public Info Code: Y 10-APR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3640 / 3639	DEF AT first sample examined	DEF AT 5
3641 / 3640	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3760 / 3759	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4420 / 4404	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
4810 / 4768	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
4900 / 4848	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
4960 / 4901	DEF AT - - - - -	DEF IN 5
5770 / 5554	DEF AT - - - - -	DEF AT 6
5980 / 5710	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
6460 / 6066	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
7150 / 6601	DEF AT - - - - -	DEF AT 5
7900 / 7165	DEF AT - - - - -	DEF IN 5
8950 / 7943	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 5
10540 / 9084	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
10570 / 9107	DEF AT - - - - -	DEF AT 6
10660 / 9176	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
11530 / 9853	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 257	Date of Summary: 11-APR-1997	First Sample Examined: 3570
Lease Number: G15389	Source of Paleo: OPERATOR	Borehole MD: 10476
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9771
API Well Number: 177244077400	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 3570 - 10476	Water Depth: 347
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3570 / 3570	DEF AT first sample examined	DEF AT 5
3600 / 3600	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3900 / 3900	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4410 / 4400	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
4860 / 4819	DEF AT faunal change (no faunal increase)	DEF IN 5
4920 / 4873	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
5100 / 5032	DEF AT faunal change (no faunal increase)	DEF AT 6
5970 / 5798	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
6480 / 6243	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6
7200 / 6872	DEF AT faunal change (no faunal increase)	DEF AT 5
7770 / 7361	DEF AT faunal change (no faunal increase)	DEF IN 5
8250 / 7783	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 5
9480 / 8872	DEF AT faunal change (no faunal increase)	DEF AT 6
9540 / 8925	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
9660 / 9031	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
9750 / 9111	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
9810 / 9165	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
10476 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 259	Date of Summary: 06-DEC-1990	First Sample Examined: 0
Lease Number: G07827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11556
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10503
API Well Number: 177244050000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 339
Public Info Code: Y 07-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 / 5411	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9660 / 8678	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10650 / 9619	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 259	Date of Summary: 10-DEC-1990	First Sample Examined: 0
Lease Number: G07827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12292
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10340
API Well Number: 177244050500	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 339
Public Info Code: Y 14-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 7611	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11600 / 9722	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 259	Date of Summary: 23-FEB-1995	First Sample Examined: 0
Lease Number: G07827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13821
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177244069700	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 392
Public Info Code: Y 20-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 8203	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
11720 / 9681	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
12810 / 10627	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12960 / 10758	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 259	Date of Summary: 13-FEB-1997	First Sample Examined: 0
Lease Number: G13034	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15737
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 11821
API Well Number: 177244074600	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 392
Public Info Code: Y 07-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13326 / 9862	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
14936 / 11148	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 279	Date of Summary: 21-JAN-1998	First Sample Examined: 0
Lease Number: G16514	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15284
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13601
API Well Number: 177244079600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 15-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 / 4700	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
6920 / 6644	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10730 / 9665	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11180 / 10011	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11870 / 10544	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13340 / 11778	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 282	Date of Summary: 09-SEP-1999	First Sample Examined: 4550
Lease Number: G15396	Source of Paleo: OPERATOR	Borehole MD: 17668
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15188
API Well Number: 177244084000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 4550 - 17668	Water Depth: 318
Public Info Code: Y 17-JUL-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, 17580=Chiasmolithus expansus, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 / 4550	DEF AT first sample examined	DEF AT
4551 / 4551	POS IN Upper Miocene (Messinian) Discoaster quinqueringus	DEF AT
5450 / 5450	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
6560 / 6560	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
8030 / 8030	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
8510 / 8510	POS AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
8540 / 8540	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
9180 / 9179	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
9450 / 9448	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus (increase)	DEF AT
9720 / 9714	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
9870 / 9860	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
9930 / 9918	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT
10230 / 10205	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
10590 / 10539	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
11910 / 11597	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (acme)	DEF AT
14910 / 13490	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
15030 / 13573	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
15450 / 13869	POS AT reworked material	DEF AT
15480 / 13890	POS AT reworked material	DEF AT
15960 / 14208	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
15961 / 14208	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
16980 / 14789	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 282	Date of Summary: 09-SEP-1999	First Sample Examined: 4550
Lease Number: G15396	Source of Paleo: OPERATOR	Borehole MD: 17668
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15188
API Well Number: 177244084000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 4550 - 17668	Water Depth: 318
Public Info Code: Y 17-JUL-2001	Ecozone Eq MMS:	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
17190 / 14910	DEF AT Lower Miocene (Burdigalian) Discoaster calculosus (increase)	DEF AT
17191 / 14910	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT
17370 / 15015	POS AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
17460 / 15068	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
17520 / 15103	DEF IN Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
17580 / 15139	DEF AT Middle Eocene (Bartonian) Chiasmolithus solitus	DEF AT
17610 / 15157	DEF AT Upper Paleocene (Thanetian) Cruciplacolithus tenuis (increase)	DEF AT
17668 / 15191	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 282	Date of Summary: 15-SEP-1999	First Sample Examined: 4550
Lease Number: G15396	Source of Paleo: OPERATOR	Borehole MD: 17668
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15188
API Well Number: 177244084000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 4550 - 17668	Water Depth: 318
Public Info Code: Y 17-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 / 4550	DEF AT first sample examined	DEF AT 4
4551 / 4551	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
4639 / 4639	POS AT reworked material	DEF AT 4
4640 / 4640	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5720 / 5720	DEF AT - - - - -	DEF AT 5
6050 / 6050	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
6140 / 6140	DEF AT - - - - -	DEF AT 4
8540 / 8540	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
9900 / 9889	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
10380 / 10345	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10470 / 10429	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
10560 / 10511	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10620 / 10566	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10800 / 10727	DEF AT - - - - -	DEF AT 4
12270 / 11819	DEF AT - - - - -	DEF AT 5
12330 / 11856	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12750 / 12113	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
15000 / 13552	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
15150 / 13657	DEF AT - - - - -	DEF AT 6
15930 / 14189	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
16920 / 14754	POS IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 6
16980 / 14789	DEF AT - - - - -	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 282	Date of Summary: 15-SEP-1999	First Sample Examined: 4550
Lease Number: G15396	Source of Paleo: OPERATOR	Borehole MD: 17668
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15188
API Well Number: 177244084000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 4550 - 17668	Water Depth: 318
Public Info Code: Y 17-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17160 / 14892	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
17580 / 15139	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
17610 / 15157	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
17668 / 15191	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 289	Date of Summary: 09-OCT-1992	First Sample Examined: 0
Lease Number: G01667	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7570
Well Name: C021	Paleo Done By: OPERATOR	Borehole TVD: 5631
API Well Number: 177244049100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 342
Public Info Code: Y 11-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3298	POS IN Pliocene	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 299	Date of Summary: 16-DEC-1991	First Sample Examined: 0
Lease Number: G01316	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8037
Well Name: BA006	Paleo Done By: OPERATOR	Borehole TVD: 7020
API Well Number: 177244055200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 20-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6998	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MP 302	Date of Summary: 02-AUG-1999	First Sample Examined: 8739
Lease Number: G16518	Source of Paleo: OPERATOR	Borehole MD: 12383
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11310
API Well Number: 177244083800	Drilling Operator: NEXEN PETROLEUM OFFSHORE USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8739 - 12383	Water Depth: 231
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8739 / 7956	DEF AT first sample examined	DEF AT 4
9018 / 8194	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10312 / 9312	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10404 / 9393	DEF AT - - - - -	DEF AT 6
10777 / 9733	DEF AT - - - - -	DEF AT 5
12383 / 11310	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 759	Date of Summary: 15-AUG-2000	First Sample Examined: 0
Lease Number: G14103	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12607
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10886
API Well Number: 427024022200	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 31-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 5827	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6460 / 6435	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 759	Date of Summary: 07-APR-1998	First Sample Examined: 0
Lease Number: G14103	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13825
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12061
API Well Number: 427024023100	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 31-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6960 / 6627	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7110 / 6743	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9090 / 8284	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
13200 / 11556	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 759	Date of Summary: 14-AUG-1998	First Sample Examined: 0
Lease Number: G14103	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11699
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11149
API Well Number: 427024023200	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6310 / 6151	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6520 / 6345	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7285 / 7053	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
7870 / 7586	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8050 / 7749	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8710 / 8359	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 759	Date of Summary: 25-JAN-1999	First Sample Examined: 0
Lease Number: G14103	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11764
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10878
API Well Number: 427024023700	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 10-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6711 / 6710	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8830 / 8620	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 781	Date of Summary: 15-NOV-1999	First Sample Examined: 0
Lease Number: G18872	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11050
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11050
API Well Number: 427024027300	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 30-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5170	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5720 / 5720	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6770 / 6770	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7010 / 7010	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: MU 782	Date of Summary: 08-DEC-1993	First Sample Examined: 0
Lease Number: G10147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10535
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9315
API Well Number: 427024021700	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 12-NOV-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4158 / 4131	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5504 / 5232	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7002 / 6438	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7442 / 6793	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7746 / 7036	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 785	Date of Summary: 20-JUL-1990	First Sample Examined: 0
Lease Number: G08975	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8541
API Well Number: 427024017800	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 03-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8030 / 5802	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10490 / 7339	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 785	Date of Summary: 20-JUL-1990	First Sample Examined: 0
Lease Number: G08975	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11009
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9709
API Well Number: 427024017900	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 15-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5436 / 5004	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6320 / 5762	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7935 / 7142	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 785	Date of Summary: 14-OCT-1993	First Sample Examined: 0
Lease Number: G08975	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8306
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7373
API Well Number: 427024021400	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 09-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5758 / 5505	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6965 / 6386	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 786	Date of Summary: 22-SEP-1994	First Sample Examined: 0
Lease Number: G10152	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11949
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10329
API Well Number: 427024022900	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 14-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5795 / 5707	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7290 / 6839	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7880 / 7257	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8350 / 7594	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 787	Date of Summary: 21-JAN-2000	First Sample Examined: 0
Lease Number: G10152	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14700
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11249
API Well Number: 427024021202	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 30-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7420 / 6042	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9460 / 7459	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 787	Date of Summary: 31-JUL-1995	First Sample Examined: 0
Lease Number: G10152	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14576
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10558
API Well Number: 427024022300	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 151
Public Info Code: Y 07-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 6041	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9670 / 7414	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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End Date: 31-DEC-2004

Area Block: MU 787	Date of Summary: 11-MAR-1997	First Sample Examined: 0
Lease Number: G10152	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13285
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 11101
API Well Number: 427024022600	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 24-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 / 5996	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8344 / 7161	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 788	Date of Summary: 08-OCT-1997	First Sample Examined: 0
Lease Number: G15704	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9346
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9343
API Well Number: 427024026100	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 31-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 5120	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5610 / 5610	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6172 / 6172	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
6500 / 6500	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 803	Date of Summary: 05-MAY-1997	First Sample Examined: 0
Lease Number: G17076	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6903
API Well Number: 427024025800	Drilling Operator: BARRETT RESOURCES CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 31-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5535 / 4575	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6253 / 5105	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7338 / 6053	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7786 / 6495	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 807	Date of Summary: 25-JUN-1997	First Sample Examined: 0
Lease Number: G14105	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11830
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11827
API Well Number: 427024023000	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 17-JAN-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 6060	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7580 / 7580	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8980 / 8979	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 868	Date of Summary: 29-AUG-1991	First Sample Examined: 6020
Lease Number: G06013	Source of Paleo: OPERATOR	Borehole MD: 8427
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7860
API Well Number: 427024018900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 157
Paleo Report Num: 1 of 1	Sample Range: 1700 - 8420	Water Depth: 121
Public Info Code: Y 09-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6020 / 5685	DEF AT first sample examined	DEF IN 0
6620 / 6245	DEF AT - - - - -	DEF AT 2
7100 / 6680	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
7460 / 6999	DEF AT - - - - -	DEF AT 1
8060 / 7531	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 1
8090 / 7558	DEF AT - - - - -	DEF AT 2
8420 / 7852	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU 868	Date of Summary: 28-MAR-2000	First Sample Examined: 0
Lease Number: G06013	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8117
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 427024027500	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 01-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4547 / 4414	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5020 / 4849	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7930 / 7713	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 31	Date of Summary: 21-JAN-1992	First Sample Examined: 0
Lease Number: G04537	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11032
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11030
API Well Number: 427024020200	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 28-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4172 / 4172	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6757 / 6757	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7217 / 7217	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9160 / 9159	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 51	Date of Summary: 21-JAN-1999	First Sample Examined: 12900
Lease Number: G18880	Source of Paleo: OPERATOR	Borehole MD: 20198
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 20193
API Well Number: 427124011500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 12900 - 13950	Water Depth: 208
Public Info Code: Y 31-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 / 12900	DEF AT first sample examined	DEF AT 3
12901 / 12901	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 3
13350 / 13350	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13920 / 13919	DEF AT - - - - -	POS AT 3
13950 / 13949	DEF AT last sample examined	POS AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 51	Date of Summary: 21-JAN-1999	First Sample Examined: 13950
Lease Number: G18880	Source of Paleo: OPERATOR	Borehole MD: 20198
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 20193
API Well Number: 427124011500	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 13950 - 20190	Water Depth: 208
Public Info Code: Y 31-DEC-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13950 / 13949	DEF AT first sample examined	POS AT 3
13951 / 13950	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
14310 / 14308	DEF AT -----	DEF IN 2
14730 / 14728	DEF AT -----	POS IN 2
14970 / 14968	DEF AT -----	DEF IN 2
15570 / 15568	DEF AT -----	POS IN 2
16170 / 16168	DEF AT -----	DEF IN 2
16560 / 16557	DEF AT -----	POS IN 2
17100 / 17097	DEF AT -----	DEF IN 2
17490 / 17487	DEF AT -----	POS IN 2
17970 / 17967	DEF AT -----	DEF IN 2
18450 / 18447	DEF AT -----	POS IN 2
18480 / 18477	DEF AT -----	DEF IN 2
18600 / 18597	DEF AT -----	POS IN 2
18630 / 18627	DEF AT -----	DEF AT 2
18780 / 18776	DEF AT -----	POS IN 2
18900 / 18896	DEF AT -----	DEF AT 2
19380 / 19376	DEF AT -----	POS AT 2
19500 / 19496	DEF AT -----	POS AT 2
20190 / 20185	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 65	Date of Summary: 31-OCT-2003	First Sample Examined: 5030
Lease Number: G20608	Source of Paleo: OPERATOR	Borehole MD: 15609
Well Name: 001	Paleo Done By: BANE AND SCHUNICK	Borehole TVD: 12590
API Well Number: 427124011800	Drilling Operator: STONE ENERGY CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5030 - 15600	Water Depth: 247
Public Info Code: Y 02-MAY-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF AT 2
5160 / 5160	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
5190 / 5190	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5610 / 5610	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5940 / 5940	DEF AT local marker benthic foram increase	DEF IN 2
6000 / 6000	DEF AT - - - -	DEF AT 2
6180 / 6180	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
6330 / 6330	DEF IN Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 2
6630 / 6630	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7199 / 7199	DEF AT faunal change (no faunal increase)	DEF AT 2
7200 / 7200	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
8250 / 8235	DEF AT local marker planktic foram increase	DEF AT 2
8399 / 8376	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8400 / 8377	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8970 / 8907	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9395 / 9269	DEF AT foram flood	DEF AT 2
9450 / 9313	DEF AT local marker planktic foram increase	DEF AT 2
9900 / 9658	DEF AT local marker foram increase	DEF AT 2
9990 / 9721	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
10170 / 9841	POS AT local marker foram increase	DEF AT 2
10350 / 9950	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
10410 / 9985	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 65	Date of Summary: 31-OCT-2003	First Sample Examined: 5030
Lease Number: G20608	Source of Paleo: OPERATOR	Borehole MD: 15609
Well Name: 001	Paleo Done By: BANE AND SCHUNICK	Borehole TVD: 12590
API Well Number: 427124011800	Drilling Operator: STONE ENERGY CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5030 - 15600	Water Depth: 247
Public Info Code: Y 02-MAY-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10950 / 10290	DEF AT local marker foram increase	DEF AT 2
11400 / 10539	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
11550 / 10622	POS AT local marker foram increase	DEF AT 2
12120 / 10954	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
12480 / 11153	DEF AT local marker planktic foram increase	DEF AT 2
12540 / 11185	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
12990 / 11406	DEF AT local marker foram increase	DEF AT 2
13230 / 11517	DEF AT local marker foram increase	DEF AT 2
13830 / 11774	POS AT deepwater facies Pontchartrain	DEF AT 2
15060 / 12327	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
15600 / 12586	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 85	Date of Summary: 04-DEC-1995	First Sample Examined: 0
Lease Number: G12427	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11754
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 10887
API Well Number: 427124011100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 262
Public Info Code: Y 03-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8380 / 7831	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 113	Date of Summary: 25-JAN-2000	First Sample Examined: 0
Lease Number: G17083	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14581
API Well Number: 427124011600	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 257
Public Info Code: Y 31-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4227	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
4360 / 4357	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11650 / 11634	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: MU A 124	Date of Summary: 09-JUN-1998	First Sample Examined: 0
Lease Number: G12430	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6475
Well Name: SS001	Paleo Done By: OPERATOR	Borehole TVD: 6118
API Well Number: 427124010700	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 381
Public Info Code: Y 06-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6178 / 5860	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 16-OCT-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 7920=Discoaster moorei LAD, 7950=Micrantholithus spp, 8460=Coronocuculus nitescens LAD, 9780=top of Discoaster deflandrei 5 ray and Helicosphaera scissura LAD, 9990=Reticulosphaera lockeri LAD, 10230=Dictyococcites bisecta filewiczii LAD, 10260=Helicosphaera rhomba LAD, 10320=Reticulosphaera perplexa LAD, 11430=Sphenolithus procerus LAD, 11460=Helicosphaera euphratis LAD and Hughesius tasmaniae LAD, 12660=Ericsonia obruta LAD, 13110=Dictyococcites stavensis LAD, 13290=bottom of Orthorhabdus serratus, 13440=bottom of Sphenolithus procerus, 13710=Upper NN2 chronozone, with the presence of Umbilicosphaera rotula

MD / TVD	Paleo Top Description	Ecozone
4050 / 4049	DEF AT first sample examined	DEF AT
4080 / 4079	DEF AT Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT
4200 / 4199	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
4380 / 4379	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
4530 / 4529	DEF AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
6030 / 6029	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
6060 / 6059	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
6090 / 6089	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
6210 / 6209	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT
6450 / 6449	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
6960 / 6958	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7470 / 7468	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
7500 / 7498	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT
7530 / 7528	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
7800 / 7798	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
7860 / 7858	DEF AT local marker floral increase	DEF AT
7890 / 7888	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
7920 / 7917	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
7950 / 7947	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 16-OCT-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8010 / 8007	DEF AT Upper Miocene (Tortonian) Helicosphaera walbersdorfensis	DEF AT
8160 / 8157	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus (consistent)	DEF AT
8310 / 8307	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
8340 / 8337	DEF AT Middle Miocene (Serravallian) Sphenolithus moriformis	DEF AT
8370 / 8367	DEF AT Middle Miocene (Serravallian) Calcidiscus premacintyreii	DEF AT
8490 / 8487	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
8520 / 8517	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
8610 / 8607	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
8730 / 8727	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
8731 / 8728	DEF AT Middle Miocene (Serravallian) Discoaster musicus	DEF AT
8850 / 8846	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
9540 / 9535	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
9630 / 9625	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
9720 / 9715	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (acme)	DEF AT
9990 / 9984	DEF AT local marker floral increase	DEF AT
10230 / 10224	POS AT Middle Miocene (Langhian) Coccolithus aff. bisectus	DEF AT
10260 / 10254	DEF AT local marker floral increase	DEF AT
10290 / 10284	DEF AT Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF AT
10320 / 10314	DEF AT local marker floral increase	DEF AT
11430 / 11424	DEF AT local marker floral increase	DEF AT
11460 / 11454	POS AT Middle Miocene (Langhian) Discoaster calculosus	DEF AT
11610 / 11604	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
11910 / 11904	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT
11911 / 11905	POS AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 16-OCT-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12660 / 12654	POS IN Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
13050 / 13043	DEF AT Lower Miocene (Aquitanian) Sphenolithus conicus	DEF AT
13110 / 13103	DEF AT local marker floral increase	DEF AT
13290 / 13283	DEF AT local marker floral increase	DEF AT
13680 / 13673	DEF AT local marker floral increase	DEF AT
13747 / 13740	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 13-DEC-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4049	DEF AT first sample examined	DEF AT 5
4051 / 4050	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
4140 / 4139	POS IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
4290 / 4289	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
4500 / 4499	DEF AT pyrite	DEF AT 5
4530 / 4529	DEF AT local marker foram increase	DEF AT 5
4560 / 4559	DEF AT - - - - -	DEF AT 4
4650 / 4649	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
4710 / 4709	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
4740 / 4739	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
4800 / 4799	DEF AT limestone	DEF AT 4
4830 / 4829	DEF AT - - - - -	DEF AT 5
4920 / 4919	DEF AT - - - - -	DEF AT 4
5070 / 5069	POS AT local marker (general)	DEF AT 4
5400 / 5399	DEF AT - - - - -	DEF AT 0
5430 / 5429	DEF AT - - - - -	DEF AT 4
5670 / 5669	DEF AT local marker foram increase	DEF AT 4
5730 / 5729	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5850 / 5849	DEF AT - - - - -	DEF AT 5
5880 / 5879	DEF AT limestone	DEF AT 4
5940 / 5939	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6030 / 6029	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 13-DEC-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 6059	DEF AT sand	DEF AT 4
6120 / 6119	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
6240 / 6239	DEF AT local marker planktic foram increase	DEF AT 5
6420 / 6419	DEF AT local marker foram increase	DEF AT 5
6600 / 6599	DEF AT - - - - -	DEF AT 0
6630 / 6629	DEF AT - - - - -	DEF AT 5
6690 / 6689	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
6840 / 6838	DEF AT - - - - -	DEF AT 0
6900 / 6898	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
6960 / 6958	POS AT local marker foram increase	DEF AT 5
7050 / 7048	DEF AT - - - - -	DEF AT 0
7140 / 7138	DEF AT - - - - -	DEF AT 5
7229 / 7227	DEF AT limestone	DEF AT 5
7230 / 7228	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
7470 / 7468	DEF AT pyrite	DEF AT 5
7550 / 7548	DEF AT cement	DEF AT 5
7770 / 7768	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
7830 / 7828	DEF AT limestone	DEF AT 5
7890 / 7888	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
8280 / 8277	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
8340 / 8337	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 5
8490 / 8487	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
8520 / 8517	DEF AT foram flood	DEF AT 5
8760 / 8757	DEF AT local marker foram increase	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 13-DEC-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8790 / 8786	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
9300 / 9295	POS AT local marker foram increase	DEF AT 5
9450 / 9445	DEF AT local marker foram increase	DEF AT 5
9570 / 9565	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9600 / 9595	DEF AT local marker planktic foram increase	DEF AT 5
9720 / 9715	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
9839 / 9834	DEF AT limestone	DEF AT 5
9840 / 9835	POS AT local marker foram increase	DEF AT 5
9900 / 9895	DEF AT local marker planktic foram increase	DEF AT 5
10020 / 10014	DEF AT cement	DEF AT 5
10050 / 10044	DEF AT local marker planktic foram increase	DEF AT 5
10290 / 10284	POS AT local marker foram increase	DEF AT 5
10530 / 10524	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
10650 / 10644	POS AT local marker foram increase	DEF AT 5
11160 / 11154	POS AT local marker foram increase	DEF AT 5
11430 / 11424	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
12060 / 12054	DEF AT local marker foram increase	DEF AT 5
12210 / 12204	DEF AT local marker (general)	DEF AT 5
12570 / 12564	DEF AT faunal change (no faunal increase)	DEF AT 5
12660 / 12654	POS AT Arenaceous fauna (local marker)	DEF AT 5
12690 / 12684	DEF AT - - - - -	DEF AT 0
12720 / 12714	DEF AT - - - - -	DEF AT 5
12840 / 12834	POS AT local marker foram increase	DEF AT 5
12960 / 12954	POS AT local marker foram increase	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 167	Date of Summary: 13-DEC-2000	First Sample Examined: 4050
Lease Number: G17485	Source of Paleo: OPERATOR	Borehole MD: 13747
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 13747
API Well Number: 608024000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4050 - 13747	Water Depth: 1594
Public Info Code: Y 29-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13170 / 13163	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
13410 / 13403	DEF AT - - - - -	DEF AT 4
13440 / 13433	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13470 / 13463	DEF AT - - - - -	DEF AT 5
13560 / 13553	DEF AT local marker foram increase	DEF AT 4
13590 / 13583	DEF AT - - - - -	DEF IN 3
13650 / 13643	DEF AT - - - - -	DEF AT 4
13747 / 13740	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 17-OCT-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6149	DEF AT first sample examined	DEF AT
6151 / 6150	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
6180 / 6179	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
6210 / 6209	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
6360 / 6359	DEF AT floral flood	DEF AT
6450 / 6449	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
6510 / 6509	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
6630 / 6629	DEF AT reworked material	DEF AT
6690 / 6689	DEF AT reworked material	DEF AT
6720 / 6719	DEF AT Middle Miocene (Langhian) Discoaster deflandrei (acme)	DEF AT
6750 / 6749	DEF AT floral flood	DEF AT
6810 / 6809	DEF AT local marker floral increase	DEF AT
6930 / 6929	DEF AT local marker floral increase	DEF AT
7080 / 7079	DEF AT local marker floral increase	DEF AT
7110 / 7109	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT
7290 / 7289	DEF AT Lower Miocene (Aquitanian) Discoaster saundersi	DEF AT
7410 / 7409	DEF AT Middle Miocene (Langhian) Helicosphaera mediterranea	DEF AT
7440 / 7439	DEF AT reworked material	DEF AT
8070 / 8069	DEF AT local marker floral increase	DEF AT
8100 / 8099	DEF AT reworked material	DEF AT
8190 / 8189	DEF AT floral flood	DEF AT
8220 / 8219	DEF AT reworked material	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 17-OCT-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8310 / 8309	DEF AT local marker floral increase	DEF AT
8400 / 8399	DEF AT reworked material	DEF AT
8550 / 8549	DEF AT local marker floral increase	DEF AT
8630 / 8629	DEF AT floral flood	DEF AT
8810 / 8809	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT
8870 / 8869	DEF AT floral flood	DEF AT
9020 / 9019	DEF AT floral flood	DEF AT
9680 / 9679	DEF AT local marker floral increase	DEF AT
9919 / 9918	DEF AT floral flood	DEF AT
9920 / 9919	DEF AT Upper Oligocene (Chattian) Sphenolithus delphix	DEF AT
10220 / 10219	DEF AT local marker floral increase	DEF AT
10400 / 10399	DEF AT local marker floral increase	DEF AT
10580 / 10579	DEF AT local marker floral increase	DEF AT
10910 / 10909	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
11150 / 11149	DEF AT Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT
11620 / 11619	DEF AT local marker floral increase	DEF AT
11860 / 11859	DEF AT local marker floral increase	DEF AT
11890 / 11889	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus (increase)	DEF AT
12100 / 12099	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT
12190 / 12189	DEF AT local marker floral increase	DEF AT
12490 / 12489	DEF AT floral flood	DEF AT
12700 / 12699	DEF AT floral flood	DEF AT
13000 / 12999	DEF AT floral flood	DEF AT
13240 / 13239	DEF AT floral flood	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 17-OCT-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
13450 / 13449	DEF AT local marker floral increase	DEF AT
13510 / 13509	DEF AT local marker floral increase	DEF AT
13720 / 13719	DEF AT local marker floral increase	DEF AT
13810 / 13809	DEF AT floral flood	DEF AT
14080 / 14079	DEF AT floral flood	DEF AT
14440 / 14439	DEF AT floral flood	DEF AT
14770 / 14769	DEF AT floral flood	DEF AT
14860 / 14859	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT
14980 / 14979	DEF AT local marker floral increase	DEF AT
15100 / 15099	DEF AT local marker floral increase	DEF AT
15250 / 15249	DEF AT local marker floral increase	DEF AT
15310 / 15309	DEF AT floral flood	DEF AT
15400 / 15399	DEF AT floral flood	DEF AT
15490 / 15489	DEF AT local marker floral increase	DEF AT
15760 / 15759	DEF AT local marker floral increase	DEF AT
15880 / 15879	DEF AT local marker floral increase	DEF AT
16150 / 16149	POS AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
16510 / 16509	DEF AT local marker floral increase	DEF AT
16750 / 16749	DEF AT local marker floral increase	DEF AT
16960 / 16959	DEF AT local marker floral increase	DEF AT
17080 / 17079	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
17230 / 17229	DEF AT local marker floral increase	DEF AT
17290 / 17289	DEF AT local marker floral increase	DEF AT
17980 / 17979	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 6540=Middle Miocene Globorotalia transitoria, 7290=Lower Miocene Uvigerina mexicana, 7470=7830=8130=gray-green siltstone influx, 8430=Lower Miocene Transversigerina tenua, 8600=Lower Miocene Catapsyrax dissimilis increase, 8690=minor gray-green carbonate influx, 8900=Uvigerina rustica acme, 8930=Uvigerina hispida acme with Lenticulina and pyrite increase, 9050=Uvigerina mexicana/Lenticulina americana acme, 9800=pyrite influx and diatoms, 10880=Upper Oligocene Uvigerina israelkyi, 11950=Upper Oligocene Anomalinoidea anahuacana, 12220=Uvigerina israelkyi acme, 12820=Uvigerina stephensoni fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6149	DEF AT first sample examined	DEF IN 4
6151 / 6150	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 4
6180 / 6179	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 4
6240 / 6239	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 4
6300 / 6299	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 4
6330 / 6329	DEF AT foram flood	DEF IN 4
6420 / 6419	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 4
6480 / 6479	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 4
6540 / 6539	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 4
6660 / 6659	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
6719 / 6718	DEF AT condensed section	DEF IN 4
6720 / 6719	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 4
6780 / 6779	DEF AT limestone	DEF IN 4
6870 / 6869	DEF AT limestone	DEF IN 4
6930 / 6929	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 4
6960 / 6959	DEF AT pyrite	DEF IN 4
7019 / 7018	DEF AT pyrite	DEF IN 4
7020 / 7019	DEF AT local marker foram decrease	DEF IN 4
7170 / 7169	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 7289	DEF AT local marker foram increase	DEF IN 4
7380 / 7379	DEF AT local marker foram decrease	DEF IN 4
7710 / 7709	DEF AT local marker foram decrease	DEF IN 4
7740 / 7739	DEF AT pyrite	DEF IN 4
8190 / 8189	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF IN 4
8310 / 8309	DEF AT local marker foram decrease	DEF IN 4
8430 / 8429	DEF AT local marker foram increase	DEF IN 4
8550 / 8549	DEF AT local marker foram increase	DEF IN 4
8580 / 8579	DEF AT pyrite	DEF IN 4
8600 / 8599	DEF AT local marker planktic foram increase	DEF IN 4
8630 / 8629	DEF AT pyrite	DEF IN 4
8690 / 8689	POS AT limestone	DEF IN 4
8720 / 8719	DEF AT faunal change (no faunal increase)	DEF AT 4
8749 / 8748	DEF AT pyrite	DEF IN 4
8750 / 8749	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 4
8900 / 8899	DEF AT local marker foram increase	DEF AT 4
8930 / 8929	DEF AT local marker foram increase	DEF AT 4
9020 / 9019	DEF AT limestone	DEF AT 4
9050 / 9049	DEF AT local marker foram increase	DEF AT 4
9080 / 9079	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9109 / 9108	DEF AT pyrite	DEF AT 4
9110 / 9109	DEF AT limestone	DEF AT 4
9260 / 9259	DEF AT pyrite	DEF AT 4
9289 / 9288	DEF AT siltstone	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9290 / 9289	DEF AT Arenaceous fauna (local marker)	DEF IN 4
9320 / 9319	DEF AT limestone	DEF IN 4
9380 / 9379	DEF AT pyrite	DEF IN 4
9529 / 9528	DEF AT pyrite	DEF IN 4
9530 / 9529	DEF AT faunal change (no faunal increase)	DEF IN 4
9620 / 9619	POS AT glauconite	DEF IN 4
9680 / 9679	DEF AT pyrite	DEF IN 4
9800 / 9799	DEF AT pyrite	DEF IN 4
9830 / 9829	DEF AT siltstone	DEF IN 4
10039 / 10038	DEF AT pyrite	DEF IN 4
10040 / 10039	DEF AT Arenaceous fauna (local marker)	DEF IN 4
10070 / 10069	DEF AT pyrite	DEF IN 4
10250 / 10249	DEF AT pyrite	DEF IN 4
10310 / 10309	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
10460 / 10459	DEF AT pyrite	DEF IN 4
10490 / 10489	DEF AT faunal change (no faunal increase)	DEF IN 4
10520 / 10519	DEF AT turbid water facies	DEF AT
10550 / 10549	DEF AT local marker foram increase	DEF IN 4
10580 / 10579	DEF AT pyrite	DEF IN 4
10640 / 10639	DEF AT siltstone	DEF IN 4
10760 / 10759	DEF AT pyrite	DEF IN 4
10880 / 10879	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF IN 4
11150 / 11149	DEF IN Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF IN 4
11240 / 11239	DEF AT siltstone	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11270 / 11269	DEF AT local marker planktic foram increase	DEF IN 4
11359 / 11358	DEF AT pyrite	DEF IN 4
11360 / 11359	DEF AT Arenaceous fauna (local marker)	DEF IN 4
11390 / 11389	DEF AT faunal change (no faunal increase)	DEF IN 4
11450 / 11449	DEF AT local marker planktic foram increase	DEF IN 4
11500 / 11499	DEF AT local marker planktic foram increase	DEF IN 4
11530 / 11529	DEF AT pyrite	DEF IN 4
11649 / 11648	DEF AT pyrite	DEF IN 4
11650 / 11649	DEF AT local marker planktic foram increase	DEF IN 4
11710 / 11709	DEF AT pyrite	DEF IN 4
11860 / 11859	DEF AT local marker planktic foram increase	DEF IN 4
11890 / 11889	DEF AT local marker foram increase	DEF IN 4
11920 / 11919	DEF AT local marker (general)	DEF IN 4
11950 / 11949	DEF AT local marker foram increase	DEF IN 4
11979 / 11978	DEF AT pyrite	DEF IN 4
11980 / 11979	DEF AT foram flood	DEF IN 4
12070 / 12069	DEF AT local marker foram increase	DEF IN 4
12220 / 12219	DEF AT local marker foram increase	DEF IN 4
12400 / 12399	DEF AT pyrite	DEF IN 4
12430 / 12429	DEF AT local marker foram increase	DEF IN 4
12489 / 12488	DEF AT pyrite	DEF IN 4
12490 / 12489	DEF AT foram flood	DEF IN 4
12639 / 12638	DEF AT pyrite	DEF IN 4
12640 / 12639	DEF AT foram flood	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12730 / 12729	DEF AT local marker foram decrease	DEF IN 4
12760 / 12759	DEF AT local marker foram increase	DEF IN 4
12820 / 12819	DEF AT local marker foram increase	DEF IN 4
12850 / 12849	DEF AT local marker foram increase	DEF IN 4
12880 / 12879	DEF AT Arenaceous fauna (local marker)	DEF IN 4
12940 / 12939	DEF AT Arenaceous fauna (local marker)	DEF IN 4
12970 / 12969	DEF AT Arenaceous fauna (local marker)	DEF IN 4
13000 / 12999	DEF AT condensed section	DEF IN 4
13090 / 13089	DEF AT faunal change (no faunal increase)	DEF IN 4
13120 / 13119	DEF AT drilling material	DEF IN 4
13210 / 13209	DEF AT foram flood	DEF IN 4
13240 / 13239	DEF AT foram flood	DEF IN 4
13330 / 13329	DEF AT pyrite	DEF IN 4
13360 / 13359	DEF AT local marker planktic foram increase	DEF IN 4
13630 / 13629	DEF AT drilling material	DEF IN 4
13660 / 13659	DEF AT pyrite	DEF IN 4
13780 / 13779	DEF AT foram flood	DEF IN 4
13840 / 13839	DEF AT condensed section	DEF IN 4
13870 / 13869	DEF AT pyrite	DEF IN 4
13960 / 13959	DEF AT pyrite	DEF IN 4
14080 / 14079	DEF AT local marker foram increase	DEF IN 4
14140 / 14139	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF IN 4
14170 / 14169	DEF AT local marker foram increase	DEF IN 4
14410 / 14409	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14440 / 14439	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14769 / 14768	DEF AT condensed section	DEF IN 4
14770 / 14769	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 4
14830 / 14829	DEF AT foram flood	DEF IN 4
14980 / 14979	DEF AT faunal change (no faunal increase)	DEF IN 4
15040 / 15039	DEF AT drilling material	DEF IN 4
15070 / 15069	DEF AT foram flood	DEF IN 4
15160 / 15159	DEF AT pyrite	DEF IN 4
15220 / 15219	POS AT ash	DEF IN 4
15370 / 15369	DEF AT pyrite	DEF IN 4
15400 / 15399	DEF AT local marker planktic foram increase	DEF IN 4
15430 / 15429	DEF AT pyrite	DEF IN 4
15490 / 15489	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 4
15520 / 15519	DEF AT local marker foram increase	DEF IN 4
15550 / 15549	DEF AT local marker foram decrease	DEF IN 4
15640 / 15639	DEF AT local marker foram increase	DEF IN 4
15760 / 15759	DEF AT foram flood	DEF IN 4
15790 / 15789	DEF AT local marker foram decrease	DEF IN 4
15910 / 15909	POS AT Upper Oligocene (Chattian) Bolivina mexicana	DEF IN 4
16030 / 16029	DEF AT local marker foram increase	DEF IN 4
16090 / 16089	DEF AT local marker foram increase	DEF IN 4
16270 / 16269	DEF AT local marker foram increase	DEF IN 4
16390 / 16389	POS AT Lower Oligocene (Rupelian) Chiloguembelina cubensis	DEF IN 4
16510 / 16509	DEF AT local marker foram increase	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PI 175	Date of Summary: 04-NOV-2002	First Sample Examined: 6150
Lease Number: G17490	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 17999
API Well Number: 608024000400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 6150 - 18000	Water Depth: 3470
Public Info Code: Y 25-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
16630 / 16629	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF IN 4
16840 / 16839	DEF AT local marker foram decrease	DEF IN 4
16960 / 16959	DEF AT local marker planktic foram increase	DEF IN 4
17050 / 17049	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF IN 4
17260 / 17259	DEF AT foram flood	DEF IN 4
17350 / 17349	DEF AT local marker foram increase	DEF IN 4
17620 / 17619	DEF AT local marker foram increase	DEF IN 3
17650 / 17649	DEF AT faunal change (no faunal increase)	DEF AT 4
17890 / 17889	DEF AT local marker foram increase	DEF AT 4
17920 / 17919	DEF AT faunal change (no faunal increase)	DEF IN 3
17950 / 17949	DEF AT faunal change (no faunal increase)	DEF AT 4
18000 / 17999	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 10	Date of Summary: 07-AUG-1997	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13410
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 12487
API Well Number: 177134003301	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 24-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10170 / 9856	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10920 / 10472	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11190 / 10692	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
12089 / 11427	DEF AT Cyclammina cancellata (local marker)	DEF AT
12090 / 11428	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
13260 / 12367	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 10	Date of Summary: 11-JUL-1996	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14550
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 13064
API Well Number: 177134006701	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 16-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 9057	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT
10030 / 9812	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10750 / 10343	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11710 / 11087	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
12700 / 11838	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
12730 / 11859	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 10	Date of Summary: 16-JUN-1999	First Sample Examined: 0
Lease Number: G02925	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14068
Well Name: 026	Paleo Done By: OPERATOR	Borehole TVD: 12795
API Well Number: 177134018000	Drilling Operator: VASTAR OFFSHORE INC	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9600 / 9598	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10110 / 10095	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10770 / 10663	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11910 / 11435	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
13050 / 12168	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13890 / 12683	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 06-SEP-1991	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13330
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 12340
API Well Number: 177134016900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 15-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 / 10350	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12330 / 11617	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 15-MAR-1991	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11745
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 11539
API Well Number: 177134016700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 06-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11450 / 11302	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 25-OCT-1991	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12630
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 11935
API Well Number: 177134017000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 06-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10310 / 10230	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11470 / 11114	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
12520 / 11856	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 16-APR-1992	First Sample Examined: 0
Lease Number: 00072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11790
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 11428
API Well Number: 177134017300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 17-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10150 / 10108	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10600 / 10494	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11270 / 11025	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 17-JAN-1992	First Sample Examined: 0
Lease Number: G10835	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11564
API Well Number: 177134017200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 13-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10770 / 10634	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11040 / 10832	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11550 / 11214	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 12	Date of Summary: 02-MAR-1993	First Sample Examined: 0
Lease Number: G10835	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13625
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12847
API Well Number: 177134017400	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 23-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7890 / 7890	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11600 / 11375	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11601 / 11376	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11890 / 11590	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PL 16	Date of Summary: 24-JAN-2000	First Sample Examined: 4550
Lease Number: G21121	Source of Paleo: OPERATOR	Borehole MD: 9850
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9848
API Well Number: 177134021900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4550 - 9850	Water Depth: 50
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 / 4550	DEF AT first sample examined	DEF AT 3
4640 / 4640	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5180 / 5180	DEF AT - - - - -	DEF AT 2
6380 / 6380	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
6830 / 6830	POS AT local marker planktic foram increase	DEF AT 2
8160 / 8159	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 2
8580 / 8579	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8820 / 8819	DEF AT - - - - -	DEF AT 3
9850 / 9848	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PN 905	Date of Summary: 03-OCT-1997	First Sample Examined: 4050
Lease Number: G17052	Source of Paleo: OPERATOR	Borehole MD: 13964
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13959
API Well Number: 427014004800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4050 - 13980	Water Depth: 94
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	DEF AT 2
4080 / 4080	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4470 / 4470	DEF AT - - - -	DEF AT 1
7500 / 7500	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7530 / 7530	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
7650 / 7650	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 3
7680 / 7680	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
8250 / 8250	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
8279 / 8279	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
8580 / 8580	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
8760 / 8760	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
8910 / 8910	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9030 / 9030	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
9360 / 9360	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
9450 / 9450	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
9900 / 9900	DEF AT Bathysiphon fauna	DEF AT 3
10500 / 10500	DEF AT local marker benthic foram increase	DEF AT 3
10830 / 10830	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 3
12810 / 12807	DEF AT Bathysiphon fauna	DEF AT 3
12870 / 12867	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 3
13110 / 13106	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 3
13140 / 13136	DEF AT Upper Oligocene (Chattian) Cristellaria "H"	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PN 905	Date of Summary: 03-OCT-1997	First Sample Examined: 4050
Lease Number: G17052	Source of Paleo: OPERATOR	Borehole MD: 13964
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13959
API Well Number: 427014004800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4050 - 13980	Water Depth: 94
Public Info Code: Y 31-OCT-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13620 / 13615	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13680 / 13675	DEF AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 3
13980 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PN 969	Date of Summary: 14-MAR-1990	First Sample Examined: 0
Lease Number: G05953	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6674
Well Name: JA004	Paleo Done By: OPERATOR	Borehole TVD: 4787
API Well Number: 427014003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 27-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2366 / 1950	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
2930 / 2313	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: PN A 12	Date of Summary: 17-APR-2001	First Sample Examined: 0
Lease Number: G22159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4748
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4748
API Well Number: 427134009600	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 24-NOV-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4109 / 4109	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
4575 / 4575	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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End Date: 31-DEC-2004

Area Block: SA 6	Date of Summary: 12-NOV-1999	First Sample Examined: 0
Lease Number: G18121	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14240
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14240
API Well Number: 177314007200	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6785 / 6785	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7250 / 7250	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8380 / 8380	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8950 / 8950	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9820 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10170 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
10650 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: SA 6	Date of Summary: 14-SEP-2001	First Sample Examined: 0
Lease Number: G18121	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12049
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9295
API Well Number: 177314007400	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 12-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10964 / 8519	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11921 / 9199	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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End Date: 31-DEC-2004

Area Block: SA 6	Date of Summary: 23-JUL-2001	First Sample Examined: 0
Lease Number: G18121	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13441
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10801
API Well Number: 177314007302	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 12-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11330 / 9239	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT
12640 / 10206	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

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Area Block: SM 17	Date of Summary: 14-SEP-1993	First Sample Examined: 3530
Lease Number: G12886	Source of Paleo: OPERATOR	Borehole MD: 12090
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12090
API Well Number: 177074065500	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3530 - 12090	Water Depth: 78
Public Info Code: Y 09-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 1
3890 / 3890	DEF AT - - - - -	DEF AT 2
4880 / 4880	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7780 / 7780	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8650 / 8650	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
9190 / 9189	DEF AT - - - - -	DEF AT 3
10120 / 10119	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10990 / 10989	DEF AT - - - - -	DEF AT 3
11770 / 11769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12090 / 12089	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 22	Date of Summary: 06-AUG-1997	First Sample Examined: 0
Lease Number: 00777	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15030
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 14016
API Well Number: 177074066400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 82
Public Info Code: Y 27-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8120 / 8119	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8840 / 8839	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9980 / 9979	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11120 / 11057	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
12950 / 12440	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14589 / 13668	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14944 / 13947	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: SM 23	Date of Summary: 23-SEP-1992	First Sample Examined: 10000
Lease Number: 00778	Source of Paleo: OPERATOR	Borehole MD: 14714
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 14449
API Well Number: 177074022301	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 10000 - 14680	Water Depth: 83
Public Info Code: Y 16-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9814	DEF AT first sample examined	DEF AT 1
10570 / 10345	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
11050 / 10810	DEF AT - - - - -	DEF AT 2
14290 / 14045	DEF AT - - - - -	DEF AT 3
14410 / 14165	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14680 / 14435	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 23	Date of Summary: 29-AUG-1991	First Sample Examined: 8000
Lease Number: 00778	Source of Paleo: OPERATOR	Borehole MD: 17548
Well Name: H005	Paleo Done By: OPERATOR	Borehole TVD: 17548
API Well Number: 177074059800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 5600 - 16550	Water Depth: 80
Public Info Code: Y 08-NOV-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF AT 1
8110 / 8109	DEF AT -----	DEF AT 2
8810 / 8809	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9500 / 9499	DEF AT -----	DEF AT 2
11000 / 10999	DEF AT -----	DEF AT 3
14360 / 14359	DEF AT -----	DEF AT 2
14600 / 14599	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
16550 / 16546	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 23	Date of Summary: 01-NOV-1993	First Sample Examined: 0
Lease Number: 00778	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13512
Well Name: H006	Paleo Done By: OPERATOR	Borehole TVD: 12137
API Well Number: 177074065000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 21-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9320 / 8567	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12320 / 11124	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13220 / 11890	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: SM 23	Date of Summary: 04-NOV-1993	First Sample Examined: 0
Lease Number: 00778	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13035
Well Name: H007	Paleo Done By: OPERATOR	Borehole TVD: 12029
API Well Number: 177074065400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 26-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5410 / 5090	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9250 / 8577	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9370 / 8686	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12070 / 11134	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
12910 / 11914	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 36	Date of Summary: 02-SEP-1992	First Sample Examined: 0
Lease Number: G07699	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15748
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14614
API Well Number: 177074062400	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 18-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11384 / 10948	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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End Date: 31-DEC-2004

Area Block: SM 36	Date of Summary: 02-SEP-1992	First Sample Examined: 0
Lease Number: G07699	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16391
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13905
API Well Number: 177074062700	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 23-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11724 / 11052	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 37	Date of Summary: 23-JAN-1998	First Sample Examined: 0
Lease Number: G07700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13248
API Well Number: 177074062800	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 06-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8080 / 8074	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9730 / 9567	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
11920 / 11322	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 37	Date of Summary: 25-SEP-1995	First Sample Examined: 0
Lease Number: G07700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10194
API Well Number: 177074063300	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 23-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8745 / 8562	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 40	Date of Summary: 12-APR-1993	First Sample Examined: 11421
Lease Number: G13607	Source of Paleo: OPERATOR	Borehole MD: 17478
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 17465
API Well Number: 177074063600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5030 - 17477	Water Depth: 97
Public Info Code: Y 20-FEB-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF AT
12010 / 12010	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13888 / 13888	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
17477 / 17465	DEF AT last sample examined	DEF AT 3

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Area Block: SM 58	Date of Summary: 30-JUN-1994	First Sample Examined: 12900
Lease Number: G01194	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: JA008	Paleo Done By: OPERATOR	Borehole TVD: 13368
API Well Number: 177074066600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 12900 - 15924	Water Depth: 127
Public Info Code: Y 13-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 / 11647	DEF AT first sample examined	DEF AT
13020 / 11749	DEF AT local marker foram increase	DEF AT 2
13290 / 11977	DEF AT local marker foram increase	DEF AT 3
13920 / 12486	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
14310 / 12777	DEF AT local marker foram increase	DEF AT 2
15220 /	DEF AT local marker foram increase	DEF AT 3
15406 /	DEF AT local marker foram increase	DEF AT 3
15560 /	DEF AT local marker foram increase	DEF AT 2
15924 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 59	Date of Summary: 31-MAR-1999	First Sample Examined: 0
Lease Number: G12891	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16157
Well Name: JB002	Paleo Done By: OPERATOR	Borehole TVD: 14951
API Well Number: 177074067900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 127
Public Info Code: Y 10-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11692 / 10660	POS AT Miocene	DEF AT
12045 / 11005	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12355 / 11311	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12620 / 11575	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12868 / 11823	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13700 / 12646	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 69	Date of Summary: 19-AUG-1997	First Sample Examined: 0
Lease Number: G01201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8390
Well Name: B029	Paleo Done By: OPERATOR	Borehole TVD: 8261
API Well Number: 177074053602	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 135
Public Info Code: Y 13-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5850 / 5776	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 73	Date of Summary: 05-SEP-2000	First Sample Examined: 0
Lease Number: G01205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9130
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 8989
API Well Number: 177084084300	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 137
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 13-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4033	DEF AT - - - - -	DEF AT 2
4400 / 4371	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5450 / 5382	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 78	Date of Summary: 12-OCT-1992	First Sample Examined: 9800
Lease Number: G01210	Source of Paleo: OPERATOR	Borehole MD: 16280
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177084071500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 9800 - 16280	Water Depth: 139
Public Info Code: Y 16-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9728	DEF AT first sample examined	DEF AT 3
12890 / 12236	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
14000 / 13129	DEF AT - - - - -	DEF AT 4
14420 / 13473	DEF AT - - - - -	DEF AT 3
15770 / 14579	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
16280 / 15001	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 95	Date of Summary: 29-APR-1991	First Sample Examined: 0
Lease Number: 00790	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7519
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5350
API Well Number: 177084075500	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 25-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1180 / 1164	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7345 / 5233	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 111	Date of Summary: 01-JUL-2000	First Sample Examined: 8000
Lease Number: G15222	Source of Paleo: OPERATOR	Borehole MD: 14311
Well Name: 002	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 14306
API Well Number: 177084087400	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8000 - 14312	Water Depth: 193
Public Info Code: Y 29-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 14180=first Cibicides pseudocarstensi

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 8000	DEF AT first sample examined	DEF AT 1
8001 / 8001	DEF AT pyrite	DEF AT 1
8059 / 8059	DEF AT sand	DEF AT 1
8060 / 8060	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
8210 / 8210	DEF AT sand	DEF AT 1
8269 / 8269	POS AT unconformity	DEF AT 1
8270 / 8270	DEF AT pyrite	DEF AT 1
8300 / 8300	DEF AT local marker foram increase	DEF AT 3
8360 / 8360	DEF AT sand	DEF AT 3
8361 / 8361	DEF AT limestone	DEF AT 3
8390 / 8390	DEF AT local marker foram increase	DEF AT 3
8510 / 8510	DEF AT - - - -	DEF IN 2
8570 / 8570	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8720 / 8720	DEF AT cement	DEF AT
9769 / 9769	POS AT unconformity	DEF IN 3
9770 / 9770	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
9860 / 9859	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 3
9950 / 9949	DEF AT Eggerella sp. (local marker)	DEF AT 3
9980 / 9979	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10010 / 10009	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10459 / 10458	DEF AT pyrite	DEF IN 2
10460 / 10459	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 111	Date of Summary: 01-JUL-2000	First Sample Examined: 8000
Lease Number: G15222	Source of Paleo: OPERATOR	Borehole MD: 14311
Well Name: 002	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 14306
API Well Number: 177084087400	Drilling Operator: DEVON LOUISIANA CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8000 - 14312	Water Depth: 193
Public Info Code: Y 29-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 / 10849	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11090 / 11089	DEF AT - - - - -	DEF AT 2
11299 / 11298	DEF AT unconformity	DEF AT 3
11300 / 11299	DEF AT Eggerella sp. (local marker)	DEF AT 3
11360 / 11359	DEF AT local marker foram increase	DEF IN 3
11480 / 11479	DEF AT - - - - -	DEF AT 3
11660 / 11659	DEF AT Eggerella sp. (local marker)	DEF AT 3
11810 / 11809	DEF AT cement	DEF AT 3
11900 / 11899	DEF AT - - - - -	DEF IN 2
12080 / 12079	DEF AT local marker (general)	DEF AT 3
12110 / 12109	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
12170 / 12169	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
12350 / 12348	DEF AT - - - - -	DEF IN 2
12470 / 12468	DEF AT unconformity	POS IN 3
12529 / 12527	POS AT reworked material	POS AT 4
12530 / 12528	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	POS AT 4
12560 / 12558	POS AT local marker planktic foram increase	POS AT 4
12620 / 12618	DEF AT Arenaceous fauna (local marker)	POS AT 4
12710 / 12708	DEF AT - - - - -	DEF IN 3
13100 / 13098	DEF AT drilling material	DEF IN 3
13370 / 13367	DEF AT - - - - -	DEF AT 3
14060 / 14055	POS AT local marker foram increase	DEF AT 3
14180 / 14175	DEF AT local marker (general)	DEF AT 3
14312 / 14307	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 123	Date of Summary: 02-SEP-1997	First Sample Examined: 3510
Lease Number: G16324	Source of Paleo: OPERATOR	Borehole MD: 15915
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15912
API Well Number: 177084083700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3510 - 15915	Water Depth: 202
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT first sample examined	DEF AT 2
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisca (acme "A")	DEF IN 2
4110 / 4110	DEF AT local marker planktic foram increase	DEF AT 3
4500 / 4500	DEF AT local marker benthic foram increase	DEF AT 3
4560 / 4560	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4620 / 4620	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4710 / 4710	DEF AT local marker foram decrease	DEF AT 2
6000 / 6000	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6059 / 6059	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6060 / 6060	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6300 / 6300	DEF AT local marker foram decrease	DEF AT 2
7380 / 7380	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7470 / 7470	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
7680 / 7680	DEF AT local marker foram decrease	DEF AT 3
7860 / 7860	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7890 / 7890	DEF AT local marker foram decrease	DEF AT 3
7950 / 7950	DEF AT Eggerella sp. (local marker)	DEF AT 3
8010 / 8010	DEF AT local marker foram decrease	DEF AT 3
8340 / 8340	DEF AT local marker benthic foram increase	DEF AT 3
8370 / 8370	DEF AT local marker foram decrease	DEF AT 3
9030 / 9029	DEF AT local marker benthic foram increase	DEF AT 3
9269 / 9268	DEF AT Eggerella sp. (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 123	Date of Summary: 02-SEP-1997	First Sample Examined: 3510
Lease Number: G16324	Source of Paleo: OPERATOR	Borehole MD: 15915
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15912
API Well Number: 177084083700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3510 - 15915	Water Depth: 202
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 9269	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9570 / 9569	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
9720 / 9719	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9810 / 9809	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
9990 / 9989	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
10020 / 10019	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10440 / 10439	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10620 / 10619	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10650 / 10649	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10890 / 10888	DEF AT Eggerella 3 (local marker)	DEF AT 4
10920 / 10918	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11130 / 11128	DEF AT Bathysiphon fauna	DEF AT 5
11160 / 11158	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11189 / 11187	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
11190 / 11188	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11220 / 11218	DEF AT Eggerella 3 (local marker)	DEF AT 6
12270 / 12268	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
12390 / 12388	DEF AT Bathysiphon fauna	DEF AT 6
12420 / 12418	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 6
12600 / 12598	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
12660 / 12658	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
12719 / 12717	DEF AT Bathysiphon fauna	DEF AT 6
12720 / 12718	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 6
12750 / 12748	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 123	Date of Summary: 02-SEP-1997	First Sample Examined: 3510
Lease Number: G16324	Source of Paleo: OPERATOR	Borehole MD: 15915
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15912
API Well Number: 177084083700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 3510 - 15915	Water Depth: 202
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12780 / 12778	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
12900 / 12898	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 6
13200 / 13198	DEF AT local marker planktic foram increase	DEF AT 6
13380 / 13378	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
13770 / 13768	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
14190 / 14188	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14279 / 14277	DEF AT foram flood	DEF AT 5
14280 / 14278	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
14340 / 14338	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
14550 / 14548	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
14580 / 14578	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
15180 / 15178	DEF AT local marker planktic foram increase	DEF AT 6
15690 / 15688	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
15915 / 15913	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 123	Date of Summary: 02-SEP-1997	First Sample Examined: 3510
Lease Number: G16324	Source of Paleo: OPERATOR	Borehole MD: 15915
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15912
API Well Number: 177084083700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 3510 - 15915	Water Depth: 202
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT first sample examined	DEF AT
3511 / 3511	DEF IN Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
4020 / 4020	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5670 / 5670	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6030 / 6030	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6060 / 6060	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7440 / 7440	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9690 / 9689	POS IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10950 / 10948	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11130 / 11128	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12360 / 12358	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
12780 / 12778	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
13680 / 13678	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15180 / 15178	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
15689 / 15687	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
15690 / 15688	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15915 / 15913	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 125	Date of Summary: 19-DEC-1990	First Sample Examined: 0
Lease Number: G02882	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10021
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 9882
API Well Number: 177084074700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 207
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1360 / 1360	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	POS IN 3
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3490 / 3490	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF IN 3
4570 / 4554	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
6640 / 6542	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
7690 / 7557	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7780 / 7647	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
9040 / 8902	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 3
9070 / 8932	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 133	Date of Summary: 16-APR-1993	First Sample Examined: 0
Lease Number: G11919	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7570
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7570
API Well Number: 177084077300	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 213
Public Info Code: Y 22-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7245 / 7244	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 137	Date of Summary: 20-AUG-1990	First Sample Examined: 8070
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 10915
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9051
API Well Number: 177084027602	Drilling Operator: CONOCO INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 8070 - 10915	Water Depth: 217
Public Info Code: Y 05-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8070 / 7238	DEF AT first sample examined	POS AT 2
8071 / 7239	DEF IN cement	POS AT 2
8072 / 7240	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 2
8340 / 7442	DEF AT - - - - -	DEF AT 2
8610 / 7644	DEF AT local marker benthic foram increase	DEF AT 2
8640 / 7666	DEF AT - - - - -	DEF AT 1
8670 / 7688	DEF AT sample gap top	POS AT 1
8970 / 7888	DEF AT sample gap bottom	DEF AT 2
10169 / 8598	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
10170 / 8599	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
10915 / 9053	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 137	Date of Summary: 20-AUG-1990	First Sample Examined: 8100
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 10915
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9051
API Well Number: 177084027602	Drilling Operator: CONOCO INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 8100 - 10915	Water Depth: 217
Public Info Code: Y 05-SEP-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 7261	DEF AT first sample examined	DEF AT
8640 / 7666	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
10915 / 9053	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 147	Date of Summary: 02-JAN-1991	First Sample Examined: 4000
Lease Number: G09546	Source of Paleo: OPERATOR	Borehole MD: 9192
Well Name: A003	Paleo Done By: MICRO-STRAT	Borehole TVD: 9153
API Well Number: 177084073500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8350	Water Depth: 237
Public Info Code: Y 18-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4000 / 3999	DEF AT first sample examined	DEF AT 1
4001 / 4000	POS IN condensed section	DEF AT 1
4002 / 4001	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 1
4540 / 4539	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4779 / 4778	DEF AT condensed section	DEF AT 4
4780 / 4779	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 4
5080 / 5078	DEF AT - - - - -	DEF AT 3
5380 / 5378	DEF AT - - - - -	DEF AT 4
5739 / 5737	DEF AT condensed section	DEF AT 4
5740 / 5738	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 4
5860 / 5858	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 4
6639 / 6636	DEF AT condensed section	DEF AT 4
6640 / 6637	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT 4
7600 / 7573	DEF AT reworked material	DEF AT 4
7660 / 7631	DEF AT reworked material	DEF AT 4
8169 / 8133	DEF AT condensed section	DEF AT 4
8170 / 8134	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
8350 / 8312	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 155	Date of Summary: 17-FEB-1992	First Sample Examined: 4060
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 11385
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11382
API Well Number: 177084076200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4060 - 11380	Water Depth: 237
Public Info Code: Y 11-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4058	DEF AT first sample examined	DEF AT 3
4090 / 4088	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4510 / 4508	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4840 / 4838	DEF AT faunal change (no faunal increase)	DEF AT 3
5050 / 5048	DEF AT local marker benthic foram increase	DEF AT 3
7740 / 7738	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8520 / 8518	DEF AT local marker foram decrease	DEF AT 2
8820 / 8818	POS AT local marker deep water fauna	DEF AT 3
9090 / 9088	DEF AT Eggerella sp. (local marker)	DEF AT 3
9390 / 9387	DEF AT Bathysiphon fauna	DEF AT 3
9510 / 9507	DEF AT local marker deep water fauna	DEF AT 5
9570 / 9567	DEF AT Cyclammina sp. (local marker)	DEF AT 5
9810 / 9807	DEF AT Bathysiphon fauna	DEF AT 4
9840 / 9837	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
10630 / 10627	DEF AT Bathysiphon fauna	DEF AT 3
10960 / 10957	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
11260 / 11257	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11319 / 11316	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11320 / 11317	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
11349 / 11346	DEF AT Bathysiphon fauna	DEF AT 4
11350 / 11347	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11380 / 11377	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 155	Date of Summary: 29-AUG-1996	First Sample Examined: 9000
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 11737
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10542
API Well Number: 177084058001	Drilling Operator: MESA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 9000 - 11737	Water Depth: 247
Public Info Code: Y 11-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7880	DEF AT first sample examined	DEF AT 3
10290 / 9120	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
10740 / 9556	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
10770 / 9586	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11100 / 9915	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11190 / 10005	DEF AT local marker foram decrease	DEF AT 4
11220 / 10034	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
11670 / 10477	DEF AT pyrite	DEF AT 4
11737 / 10542	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 155	Date of Summary: 13-MAR-1992	First Sample Examined: 4060
Lease Number: G04110	Source of Paleo: OPERATOR	Borehole MD: 11518
Well Name: A019	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10940
API Well Number: 177084076500	Drilling Operator: MESA OPERATING LIMITED PART	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4060 - 11470	Water Depth: 254
Public Info Code: Y 11-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 / 4021	DEF AT first sample examined	DEF AT 3
4061 / 4022	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5140 / 5014	DEF AT -----	DEF AT 4
5350 / 5210	DEF AT -----	DEF AT 3
5800 / 5631	DEF AT -----	DEF IN 3
6220 / 6029	DEF AT -----	DEF AT 3
7120 / 6887	DEF AT -----	DEF IN 3
8230 / 7946	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
9460 / 9074	DEF AT cement	POS AT 3
9640 / 9240	DEF AT -----	DEF AT 4
10180 / 9737	DEF AT -----	DEF AT 5
10780 / 10282	DEF AT -----	DEF AT 4
11500 / 10924	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 169	Date of Summary: 01-MAY-1998	First Sample Examined: 4500
Lease Number: G17949	Source of Paleo: OPERATOR	Borehole MD: 12598
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 12591
API Well Number: 177084085700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4500 - 12507	Water Depth: 292
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
4501 / 4501	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4530 / 4530	DEF AT local marker foram increase	DEF AT 2
4560 / 4560	DEF AT pyrite	DEF AT 2
4680 / 4680	DEF AT pyrite	DEF AT 2
4860 / 4860	DEF AT pyrite	DEF AT 2
5160 / 5160	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 2
5340 / 5340	POS AT unconformity	DEF AT 3
5460 / 5460	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5790 / 5790	DEF AT faunal change (no faunal increase)	DEF AT 2
6030 / 6030	DEF AT faunal change (no faunal increase)	DEF IN 2
6630 / 6630	DEF AT limestone	DEF IN 2
6690 / 6690	DEF AT pyrite	DEF IN 2
7050 / 7050	DEF AT faunal change (no faunal increase)	DEF AT 2
7170 / 7170	DEF AT faunal change (no faunal increase)	POS AT 3
7290 / 7290	DEF AT pyrite	DEF IN 2
7500 / 7500	DEF AT local marker foram increase	DEF IN 2
7860 / 7859	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS IN 3
7920 / 7919	DEF AT pyrite	POS IN 3
7980 / 7979	DEF AT faunal change (no faunal increase)	DEF AT 3
8280 / 8279	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
8370 / 8369	DEF AT pyrite	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 169	Date of Summary: 01-MAY-1998	First Sample Examined: 4500
Lease Number: G17949	Source of Paleo: OPERATOR	Borehole MD: 12598
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 12591
API Well Number: 177084085700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4500 - 12507	Water Depth: 292
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8520 / 8519	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8850 / 8849	DEF AT cement	DEF AT 3
9090 / 9089	DEF AT faunal change (no faunal increase)	DEF IN 3
9210 / 9209	DEF AT faunal change (no faunal increase)	DEF AT 3
9269 / 9268	POS AT unconformity	DEF AT 3
9270 / 9269	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9330 / 9329	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
9840 / 9839	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	POS IN 3
9930 / 9929	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
9960 / 9959	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10170 / 10168	POS AT unconformity	DEF IN 4
10171 / 10169	DEF AT local marker deep water fauna	DEF IN 4
10200 / 10198	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 4
10201 / 10199	DEF AT pyrite	DEF IN 4
10380 / 10378	DEF AT pyrite	DEF IN 4
10530 / 10527	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
10980 / 10976	DEF AT pyrite	DEF IN 4
11130 / 11126	DEF AT pyrite	DEF IN 4
11310 / 11306	DEF AT local white Arenaceous fauna	DEF IN 4
11369 / 11365	DEF AT pyrite	DEF IN 4
11370 / 11366	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
11490 / 11485	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
11730 / 11725	DEF AT pyrite	DEF IN 4
11790 / 11785	DEF AT faunal change (no faunal increase)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 169	Date of Summary: 01-MAY-1998	First Sample Examined: 4500
Lease Number: G17949	Source of Paleo: OPERATOR	Borehole MD: 12598
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 12591
API Well Number: 177084085700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4500 - 12507	Water Depth: 292
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
11969 / 11964	DEF AT pyrite	DEF IN 4
11970 / 11965	DEF AT local white Arenaceous fauna	DEF IN 4
12030 / 12025	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
12180 / 12175	DEF AT local marker planktic foram increase	DEF IN 4
12360 / 12355	DEF AT pyrite	DEF IN 4
12420 / 12415	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 4
12507 / 12502	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 169	Date of Summary: 01-MAY-1998	First Sample Examined: 4470
Lease Number: G17949	Source of Paleo: OPERATOR	Borehole MD: 12598
Well Name: 001	Paleo Done By: MJ SEQUENCE BIOSTRAT. SVCE. (M JIANG)	Borehole TVD: 12591
API Well Number: 177084085700	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 4470 - 12507	Water Depth: 292
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4470 / 4470	DEF AT first sample examined	DEF AT
4471 / 4471	POS AT Upper Pleistocene (Ionian) Gephyrocapsa oceanica (flood)	DEF AT
4530 / 4530	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4560 / 4560	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa aperta (acme)	DEF AT
7200 / 7200	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7860 / 7859	DEF AT local marker floral increase	DEF AT
7950 / 7949	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
8940 / 8939	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9270 / 9269	DEF AT fault	DEF AT
9299 / 9298	DEF AT local marker floral increase	DEF AT
9300 / 9299	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9330 / 9329	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9390 / 9389	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9480 / 9479	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
10170 / 10168	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11610 / 11605	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12060 / 12055	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12120 / 12115	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12300 / 12295	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12360 / 12355	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies (acme)	DEF AT
12507 / 12502	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 192	Date of Summary: 22-NOV-1996	First Sample Examined: 0
Lease Number: G05473	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14108
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14108
API Well Number: 177084075900	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 402
Public Info Code: Y 14-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6940 / 6940	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9750 / 9749	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10740 / 10738	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
13260 / 13256	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 10-SEP-1999	First Sample Examined: 1220
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 8125
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8123
API Well Number: 177084086900	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1220 - 6800	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1220 / 1220	DEF AT first sample examined	DEF AT
2930 / 2930	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5060 / 5060	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5090 / 5090	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5270 / 5270	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5480 / 5480	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
5600 / 5600	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
5720 / 5720	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
5780 / 5780	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
6799 / 6799	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6800 / 6800	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 22-SEP-1999	First Sample Examined: 1220
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 8125
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8123
API Well Number: 177084086900	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1220 - 6800	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
1220 / 1220	DEF AT first sample examined	DEF AT 2
1280 / 1280	DEF AT faunal change (no faunal increase)	DEF AT 3
2210 / 2210	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3740 / 3740	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4400 / 4400	DEF AT faunal change (no faunal increase)	DEF AT 3
5059 / 5059	POS AT unconformity	DEF AT 4
5060 / 5060	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5270 / 5270	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5510 / 5510	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5630 / 5630	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5720 / 5720	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
6590 / 6590	DEF AT faunal change (no faunal increase)	DEF IN 5
6620 / 6620	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
6799 / 6799	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
6800 / 6800	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 10-SEP-1999	First Sample Examined: 17990
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 19706
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19705
API Well Number: 177084086901	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 4	Sample Range: 17990 - 19706	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: N	Paleo ID: 002

Remark: Calcareous nannofossil report for sidetrack, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17990 / 17989	DEF AT first sample examined	DEF AT
18380 / 18379	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
19706 / 19705	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 10-SEP-1999	First Sample Examined: 7040
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 19706
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19705
API Well Number: 177084086901	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 4	Sample Range: 7040 - 18000	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: N	Paleo ID: 004

Remark: Calcareous nannofossil report for original hole, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7040 / 7040	DEF AT first sample examined	DEF AT
7041 / 7041	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7340 / 7340	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7520 / 7519	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
7640 / 7639	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
7880 / 7879	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
8000 / 7999	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
8090 / 8089	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8150 / 8149	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
8270 / 8269	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11510 / 11509	POS AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
13490 / 13489	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
13850 / 13849	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
14330 / 14329	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
14630 / 14629	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
15440 / 15439	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
15860 / 15859	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
16010 / 16009	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
18000 / 17999	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 22-SEP-1999	First Sample Examined: 17990
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 19706
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19705
API Well Number: 177084086901	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 3 of 4	Sample Range: 17990 - 19706	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17990 / 17989	DEF AT first sample examined	DEF AT 6
19160 / 19159	DEF AT - - - - -	DEF AT 5
19640 / 19639	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
19706 / 19705	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 196	Date of Summary: 22-SEP-1999	First Sample Examined: 7040
Lease Number: G14449	Source of Paleo: OPERATOR	Borehole MD: 19706
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19705
API Well Number: 177084086901	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 80
Paleo Report Num: 4 of 4	Sample Range: 7040 - 18000	Water Depth: 436
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Original hole report, 8270=normal section, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7040 / 7040	DEF AT first sample examined	DEF AT 5
7640 / 7639	DEF AT - - - - -	DEF IN 5
7670 / 7669	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
7700 / 7699	DEF AT - - - - -	DEF AT 6
7760 / 7759	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7880 / 7879	DEF AT anhydrite	DEF AT 6
7970 / 7969	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
8270 / 8269	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
10850 / 10849	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 6
11570 / 11569	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
14090 / 14089	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
14870 / 14869	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
15860 / 15859	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
16010 / 16009	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
16040 / 16039	DEF AT - - - - -	DEF AT 5
16790 / 16789	DEF AT - - - - -	DEF AT 6
18000 / 17999	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 26-JUN-1996	First Sample Examined: 0
Lease Number: G05475	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11506
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10778
API Well Number: 177084077902	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 529
Public Info Code: Y 24-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9630 / 9432	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10170 / 9849	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11080 / 10478	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11230 / 10585	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 09-MAY-1996	First Sample Examined: 0
Lease Number: G05475	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13448
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 12435
API Well Number: 177084081000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 525
Public Info Code: Y 24-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7500 / 7195	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
11120 / 10512	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
11670 / 10970	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12510 / 11662	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
12540 / 11685	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12780 / 11875	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 18-JUN-1997	First Sample Examined: 6120
Lease Number: G05475	Source of Paleo: OPERATOR	Borehole MD: 12915
Well Name: B004	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 11425
API Well Number: 177084081300	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 6120 - 12900	Water Depth: 525
Public Info Code: Y 24-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 5730	DEF AT first sample examined	DEF IN 3
7680 / 7044	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
11430 / 10185	DEF AT - - - -	DEF AT 5
11910 / 10579	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11939 / 10603	POS AT transported inner shelf facies	POS AT 5
11940 / 10604	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	POS AT 5
12450 / 11032	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12630 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12900 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 01-JUL-1998	First Sample Examined: 0
Lease Number: G05475	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13955
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 10914
API Well Number: 177084083902	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 525
Public Info Code: Y 24-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11550 / 10384	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 17-MAR-1997	First Sample Examined: 6630
Lease Number: G13691	Source of Paleo: OPERATOR	Borehole MD: 13700
Well Name: B006	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 11437
API Well Number: 177084083000	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 6630 - 11241	Water Depth: 525
Public Info Code: Y 29-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6630 / 5583	DEF AT first sample examined	DEF AT 3
7890 / 6334	DEF AT - - - - -	DEF AT 4
7949 / 6372	DEF AT pyrite	DEF AT 4
7950 / 6372	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8310 / 6597	DEF AT local marker foram decrease	DEF AT 4
9310 / 7276	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
11240 / 9025	DEF AT - - - - -	DEF AT 5
11610 / 9342	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11710 / 9429	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
12080 / 9769	DEF AT limestone	DEF AT 5
12130 / 9816	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12150 / 9835	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
12980 /	DEF AT local marker foram increase	DEF AT 5
13010 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
13039 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13160 /	POS AT Bathysiphon fauna	DEF AT 5
13700 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 205	Date of Summary: 19-MAR-1997	First Sample Examined: 10620
Lease Number: G13691	Source of Paleo: OPERATOR	Borehole MD: 12506
Well Name: B006	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 10182
API Well Number: 177084083001	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 10620 - 12506	Water Depth: 525
Public Info Code: Y 29-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10620 / 8458	DEF AT first sample examined	DEF AT 5
11670 / 9393	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12120 / 9806	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
12130 / 9815	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12140 / 9825	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
12369 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12370 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12410 /	DEF AT local marker foram increase	DEF AT 5
12506 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 233	Date of Summary: 05-APR-1991	First Sample Examined: 0
Lease Number: G11929	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6119
API Well Number: 177074061300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 21-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT -----	DEF AT 1
6430 / 5657	DEF AT -----	DEF AT 2
6460 / 5675	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 233	Date of Summary: 13-JUN-1996	First Sample Examined: 0
Lease Number: G11929	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177074062300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 13
Public Info Code: Y 29-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5558 / 5558	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6274 / 6274	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 250	Date of Summary: 21-AUG-1997	First Sample Examined: 4020
Lease Number: G12901	Source of Paleo: OPERATOR	Borehole MD: 12698
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12698
API Well Number: 177074075300	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4020 - 12690	Water Depth: 27
Public Info Code: Y 12-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	DEF AT 1
4410 / 4410	DEF AT sample gap top	POS AT 1
4650 / 4650	DEF AT sample gap bottom	DEF AT 1
7440 / 7440	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7770 / 7770	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7830 / 7830	DEF AT faunal change (no faunal increase)	DEF AT 1
9270 / 9270	DEF AT local marker benthic foram increase	DEF AT 2
9870 / 9870	DEF AT faunal change (no faunal increase)	DEF AT 3
9900 / 9900	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10410 / 10410	DEF AT local marker benthic foram increase	DEF AT 3
10800 / 10799	DEF AT local marker benthic foram increase	DEF AT 3
11190 / 11189	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
11280 / 11279	DEF AT Eggerella sp. (local marker)	DEF AT 3
11729 / 11728	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11730 / 11729	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
12690 / 12688	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 250	Date of Summary: 21-AUG-1997	First Sample Examined: 4020
Lease Number: G12901	Source of Paleo: OPERATOR	Borehole MD: 12698
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12698
API Well Number: 177074075300	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 4020 - 12690	Water Depth: 27
Public Info Code: Y 12-MAR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	DEF AT
9840 / 9840	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11730 / 11729	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
12690 / 12688	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 250	Date of Summary: 05-NOV-1996	First Sample Examined: 0
Lease Number: G12901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11110
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11097
API Well Number: 177074068201	Drilling Operator: ENI PETROLEUM CO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 12-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 / 7848	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9900 / 9888	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 252	Date of Summary: 02-MAR-1990	First Sample Examined: 0
Lease Number: G02598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177074059100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 06-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8018 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8356 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 255	Date of Summary: 30-JUL-1993	First Sample Examined: 5000
Lease Number: G09564	Source of Paleo: OPERATOR	Borehole MD: 10550
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10550
API Well Number: 177074065100	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10520	Water Depth: 23
Public Info Code: Y 24-AUG-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 2
7790 / 7790	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
7970 / 7970	DEF AT - - - -	DEF AT 3
8150 / 8150	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8630 / 8629	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9050 / 9049	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9740 / 9739	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
10190 / 10189	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10520 / 10519	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 282	Date of Summary: 15-JAN-1997	First Sample Examined: 0
Lease Number: G12904	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15634
API Well Number: 177074069900	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 22-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 9270	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12210 / 12209	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12870 / 12867	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13280 / 13268	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14570 / 14348	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SM 288	Date of Summary: 12-MAR-1993	First Sample Examined: 11820
Lease Number: G02316	Source of Paleo: OPERATOR	Borehole MD: 17084
Well Name: CB004	Paleo Done By: OPERATOR	Borehole TVD: 16159
API Well Number: 177074063400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 11820 - 17085	Water Depth: 60
Public Info Code: Y 05-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11820 / 10947	DEF AT first sample examined	DEF AT
12090 / 11201	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15660 / 14735	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
16410 / 15485	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT
17085 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 47	Date of Summary: 25-JUN-2001	First Sample Examined: 0
Lease Number: G21137	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11845
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177214045000	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 30-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 3001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3630 / 3497	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5880 / 5548	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6870 / 6452	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 54	Date of Summary: 04-JAN-1972	First Sample Examined: 12543
Lease Number: G01606	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13253
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13253
API Well Number: 177210093900	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 12543 - 13200	Water Depth: 280
Public Info Code: Y 26-SEP-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
12543 /	DEF AT first sample examined	DEF AT 5
12544 /	DEF IN Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
12944 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
12945 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13122 /	DEF AT local marker deep water fauna	DEF AT 6
13200 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 58	Date of Summary: 22-JUL-1993	First Sample Examined: 8010
Lease Number: G02941	Source of Paleo: OPERATOR	Borehole MD: 10278
Well Name: D020	Paleo Done By: OPERATOR	Borehole TVD: 8848
API Well Number: 177214041400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 8010 - 10260	Water Depth: 180
Public Info Code: Y 21-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6986	DEF AT first sample examined	DEF AT 4
8011 / 6987	DEF IN Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
8490 / 7386	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8580 / 7461	DEF AT - - - - -	DEF AT 3
10260 / 8835	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 58	Date of Summary: 22-JUN-1993	First Sample Examined: 9300
Lease Number: G02941	Source of Paleo: OPERATOR	Borehole MD: 9476
Well Name: D021	Paleo Done By: OPERATOR	Borehole TVD: 9186
API Well Number: 177214040600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 9300 - 9480	Water Depth: 180
Public Info Code: Y 07-OCT-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 9034	DEF AT first sample examined	DEF AT 3
9480 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 62	Date of Summary: 26-JUN-1996	First Sample Examined: 11990
Lease Number: G01294	Source of Paleo: OPERATOR	Borehole MD: 19462
Well Name: D033	Paleo Done By: OPERATOR	Borehole TVD: 18309
API Well Number: 177234016300	Drilling Operator: SHELL FRONTIER OIL & GAS INC	Rkb Elevation: 119
Paleo Report Num: 1 of 1	Sample Range: 11990 - 19462	Water Depth: 328
Public Info Code: Y 23-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
11990 / 11277	DEF AT first sample examined	DEF AT
11991 / 11278	POS IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
12740 / 11970	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
13160 / 12360	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
13310 / 12499	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
14360 / 13473	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
14720 / 13808	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
15290 / 14337	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT
15620 / 14644	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
17000 / 15934	DEF AT local marker foram increase	DEF IN 3
17780 / 16669	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
18260 / 17126	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
18530 / 17388	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
19462 / 18309	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 72	Date of Summary: 04-DEC-1990	First Sample Examined: 3500
Lease Number: G12079	Source of Paleo: OPERATOR	Borehole MD: 7879
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7421
API Well Number: 177234015500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7879	Water Depth: 260
Public Info Code: Y 31-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3401	DEF AT first sample examined	DEF IN 4
3501 / 3402	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
3560 / 3456	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 4
3680 / 3565	DEF AT pyrite	DEF IN 4
3830 / 3701	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
4130 / 3973	DEF AT local marker foram increase	DEF IN 4
4730 / 4520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
5840 / 5537	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 4
6830 / 6450	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
7879 / 7421	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 72	Date of Summary: 05-AUG-1996	First Sample Examined: 0
Lease Number: G12079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9842
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6755
API Well Number: 177234016700	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 07-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 / 3701	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7000 / 4338	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 72	Date of Summary: 07-JUN-1995	First Sample Examined: 0
Lease Number: G12079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12555
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9072
API Well Number: 177234016500	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 07-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3728 / 3728	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6255 / 6254	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11590 / 8761	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 86	Date of Summary: 06-DEC-1996	First Sample Examined: 0
Lease Number: G05687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18012
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 17509
API Well Number: 177224018400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 388
Public Info Code: Y 11-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7487 / 7266	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8770 / 8491	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 09-SEP-1991	First Sample Examined: 4970
Lease Number: G07799	Source of Paleo: OPERATOR	Borehole MD: 18022
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 18011
API Well Number: 177224020300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4970 - 18010	Water Depth: 359
Public Info Code: Y 01-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report, 6230=Calcidiscus tropicus zone

MD / TVD	Paleo Top Description	Ecozone
4970 / 4970	DEF AT first sample examined	DEF AT
5000 / 5000	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5270 / 5270	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6110 / 6110	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6230 / 6230	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6350 / 6350	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6410 / 6410	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8690 / 8689	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8780 / 8779	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10520 / 10519	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
11300 / 11299	DEF IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
12380 / 12379	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15260 / 15258	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
15320 / 15318	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
16880 / 16875	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
18010 / 17999	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 26-JUN-1995	First Sample Examined: 0
Lease Number: G07799	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18862
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 18345
API Well Number: 177224021000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 371
Public Info Code: Y 27-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 6400	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12760 / 12480	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
17930 / 17416	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 27-APR-1993	First Sample Examined: 0
Lease Number: G07799	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18400
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 17557
API Well Number: 177224021200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 370
Public Info Code: Y 15-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7304 / 7282	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8542 / 8424	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 20-SEP-1995	First Sample Examined: 16742
Lease Number: G07799	Source of Paleo: OPERATOR	Borehole MD: 16952
Well Name: D008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16948
API Well Number: 177224020800	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 3	Sample Range: 16742 - 16952	Water Depth: 371
Public Info Code: Y 06-DEC-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16742 / 16738	DEF AT first sample examined	DEF AT
16952 / 16948	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 21-SEP-1995	First Sample Examined: 16742
Lease Number: G07799	Source of Paleo: OPERATOR	Borehole MD: 16952
Well Name: D008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16948
API Well Number: 177224020800	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 3	Sample Range: 16742 - 16920	Water Depth: 371
Public Info Code: Y 06-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16742 / 16738	DEF AT first sample examined	DEF AT 3
16920 / 16916	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
16952 / 16948	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 14-NOV-1995	First Sample Examined: 0
Lease Number: G07799	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16952
Well Name: D008	Paleo Done By: OPERATOR	Borehole TVD: 16948
API Well Number: 177224020800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 119
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 371
Public Info Code: Y 06-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 / 6349	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12320 / 12319	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16280 / 16277	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 87	Date of Summary: 29-AUG-1995	First Sample Examined: 0
Lease Number: G10894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13579
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 12814
API Well Number: 177224022200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 371
Public Info Code: Y 21-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7568 / 7186	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8736 / 8288	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12100
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 12922
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12479
API Well Number: 177224011701	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 12100 - 12850	Water Depth: 420
Public Info Code: Y 11-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12100 / 11781	DEF AT first sample examined	DEF AT 3
12490 / 12104	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12700 / 12288	DEF AT - - - - -	DEF AT 3
12850 / 12417	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12100
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 12922
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12479
API Well Number: 177224011701	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 12100 - 12850	Water Depth: 420
Public Info Code: Y 11-JUN-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12100 / 11781	DEF AT first sample examined	DEF AT
12490 / 12104	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12850 / 12417	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12440
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 13227
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12808
API Well Number: 177224011702	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 12440 - 13227	Water Depth: 420
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: No diagnostic foram markers noted, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12440 / 12049	DEF AT first sample examined	DEF AT 3
12441 / 12050	DEF AT poor sample interval top	DEF AT 3
13226 / 12808	DEF AT poor sample interval bottom	DEF AT 3
13227 / 12809	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12409
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 13227
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12808
API Well Number: 177224011702	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 12409 - 13227	Water Depth: 420
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12409 / 12024	DEF AT first sample examined	DEF AT
12530 / 12129	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13227 / 12809	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13227
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14297
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13919
API Well Number: 177224011703	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 13227 - 14297	Water Depth: 420
Public Info Code: Y 19-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Bypass report 2 of sidetrack 3, no diagnostic foram markers noted, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13227 / 12853	DEF AT first sample examined	DEF AT 3
14297 / 13919	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13260
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14297
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13919
API Well Number: 177224011703	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 13260 - 14297	Water Depth: 420
Public Info Code: Y 19-JUL-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for bypass 2 of sidetrack 3, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
13227 / 12853	DEF AT first sample examined	DEF AT
14297 / 13919	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12120
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 1 of 6	Sample Range: 12120 - 14399	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12120 / 11796	DEF AT first sample examined	DEF AT 3
12540 / 12171	DEF AT - - - - -	DEF AT 4
12720 / 12345	DEF AT - - - - -	DEF AT 3
14399 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 12180
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 2 of 6	Sample Range: 12180 - 14399	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12180 / 11843	DEF AT first sample examined	DEF AT
12510 / 12142	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14399 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13440
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 3 of 6	Sample Range: 13440 - 14237	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Bypass 1 report, no foram markers noted, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13440 / 13050	DEF AT first sample examined	DEF AT 3
14237 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13440
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 4 of 6	Sample Range: 13440 - 14237	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Calcareous nannofossil report for bypass 1, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13440 / 13050	DEF AT first sample examined	DEF AT
14237 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13500
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 5 of 6	Sample Range: 13500 - 14069	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Bypass 2 report, no diagnostic foram markers noted, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13500 / 13109	DEF AT first sample examined	DEF AT 3
13680 / 13286	DEF AT - - - - -	DEF AT 4
14069 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SP 89	Date of Summary: 16-SEP-1994	First Sample Examined: 13500
Lease Number: G01618	Source of Paleo: OPERATOR	Borehole MD: 14064
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13665
API Well Number: 177224011704	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 119
Paleo Report Num: 6 of 6	Sample Range: 13500 - 14069	Water Depth: 420
Public Info Code: Y 09-OCT-2004	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report for bypass 2, no nannofossil markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13500 / 13109	DEF AT first sample examined	DEF AT
14069 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 11	Date of Summary: 17-SEP-1997	First Sample Examined: 10000
Lease Number: G16378	Source of Paleo: OPERATOR	Borehole MD: 16754
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16730
API Well Number: 177114124900	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 10000 - 16749	Water Depth: 15
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9996	DEF AT first sample examined	DEF AT 2
10270 / 10266	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10420 / 10416	DEF AT local marker foram decrease	DEF AT 3
10840 / 10836	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13090 / 13086	DEF AT local marker benthic foram increase	DEF AT 3
13240 / 13236	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13390 / 13385	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
13840 / 13835	DEF AT Cyclammina sp. (local marker)	DEF AT 3
13930 / 13925	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
14140 / 14134	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14200 / 14194	DEF AT faunal change (no faunal increase)	DEF AT 3
16410 / 16391	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
16749 / 16725	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 31	Date of Summary: 24-SEP-2001	First Sample Examined: 0
Lease Number: 00333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12926
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12581
API Well Number: 177114113000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 17-MAY-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11602 / 11371	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12328 / 12031	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 58	Date of Summary: 28-MAR-1990	First Sample Examined: 10020
Lease Number: G07746	Source of Paleo: OPERATOR	Borehole MD: 12876
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11179
API Well Number: 177114100800	Drilling Operator: ADOBE OIL & GAS CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 10020 - 12870	Water Depth: 15
Public Info Code: Y 23-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 / 9469	DEF AT first sample examined	DEF IN 3
10050 / 9484	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
11250 / 10140	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
11820 / 10485	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
12870 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 68	Date of Summary: 03-JUL-1990	First Sample Examined: 0
Lease Number: G02917	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11170
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10741
API Well Number: 177114101300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 17-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9870 / 9448	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10560 / 10135	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
11010 / 10583	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 68	Date of Summary: 01-FEB-1991	First Sample Examined: 0
Lease Number: G02917	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10066
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9911
API Well Number: 177114101801	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 04-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 / 8924	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9300 / 9222	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10590 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 72	Date of Summary: 19-JUN-1997	First Sample Examined: 0
Lease Number: 00060	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12630
Well Name: L024	Paleo Done By: OPERATOR	Borehole TVD: 12157
API Well Number: 177114107800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 10-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8580 / 8352	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9000 / 8748	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9420 / 9147	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10260 / 9946	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 72	Date of Summary: 04-JUN-1997	First Sample Examined: 0
Lease Number: G12348	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12920
Well Name: L025	Paleo Done By: OPERATOR	Borehole TVD: 12084
API Well Number: 177114109700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 05-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9170 / 8824	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10610 / 10064	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11900 / 11160	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 76	Date of Summary: 11-OCT-2001	First Sample Examined: 0
Lease Number: G11977	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11684
API Well Number: 177114104200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 21-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9585 / 9403	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10156 / 9804	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10730 / 10209	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11540 / 10799	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 90	Date of Summary: 28-JUN-1995	First Sample Examined: 0
Lease Number: 00063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13474
Well Name: 056	Paleo Done By: OPERATOR	Borehole TVD: 12541
API Well Number: 177114105800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 01-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11390 / 11090	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12160 / 11633	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 92	Date of Summary: 05-JUN-1991	First Sample Examined: 0
Lease Number: G05541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12865
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 12859
API Well Number: 177114106000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 07-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10950 / 10946	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11490 / 11484	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11880 / 11874	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 92	Date of Summary: 26-FEB-1992	First Sample Examined: 0
Lease Number: G05541	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12245
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 11347
API Well Number: 177114108000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 08-MAR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 / 10041	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
11620 / 10934	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 97	Date of Summary: 15-SEP-2000	First Sample Examined: 0
Lease Number: G18006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14060
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13024
API Well Number: 177114132200	Drilling Operator: HELIS OIL & GAS COMPANY LLC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10619 / 10553	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11736 / 11402	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12002 / 11581	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
12421 / 11864	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 101	Date of Summary: 25-MAY-1993	First Sample Examined: 0
Lease Number: G09612	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14242
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12844
API Well Number: 177114111000	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 02-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4990	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10350 / 9947	DEF AT Cyclammina sp. (local marker)	DEF AT
11880 / 11041	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 105	Date of Summary: 21-JUN-1990	First Sample Examined: 7500
Lease Number: G09614	Source of Paleo: OPERATOR	Borehole MD: 12910
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12906
API Well Number: 177114102100	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 7500 - 12910	Water Depth: 39
Public Info Code: Y 28-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7497	DEF AT first sample examined	DEF IN 2
8580 / 8576	POS AT Lower Pliocene (Zanclian) Buliminella 1	POS IN 3
9420 / 9415	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
9480 / 9475	DEF AT Eggerella sp. (local marker)	DEF IN 3
10829 / 10823	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10830 / 10824	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
11679 / 11673	DEF AT Eggerella 3 (local marker)	DEF AT 4
11680 / 11674	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
11990 / 11984	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12910 / 12904	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 105	Date of Summary: 05-APR-1991	First Sample Examined: 9300
Lease Number: G09614	Source of Paleo: OPERATOR	Borehole MD: 12950
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12950
API Well Number: 177114105700	Drilling Operator: COCKRELL OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 9300 - 12950	Water Depth: 31
Public Info Code: Y 04-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 / 9299	DEF AT first sample examined	DEF IN 3
9480 / 9479	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
10590 / 10589	DEF AT - - - -	DEF AT 4
10770 / 10769	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11970 / 11968	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12950 / 12948	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 113	Date of Summary: 20-JUN-2001	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 045	Paleo Done By: OPERATOR	Borehole TVD: 12095
API Well Number: 177114101000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 03-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8660 / 8656	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10500 / 10401	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
10740 / 10626	DEF AT gouge	DEF AT
11537 / 11371	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 113	Date of Summary: 12-MAR-1997	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10372
Well Name: 051	Paleo Done By: OPERATOR	Borehole TVD: 10076
API Well Number: 177114108300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 01-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 7282	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10170 / 9893	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 113	Date of Summary: 18-JUL-2001	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11017
Well Name: 052	Paleo Done By: OPERATOR	Borehole TVD: 10074
API Well Number: 177114104000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 21-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 8558	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10933 / 10014	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 117	Date of Summary: 15-OCT-1998	First Sample Examined: 0
Lease Number: 00065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11132
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10842
API Well Number: 177114102000	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 03-AUG-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7719	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9590 / 9469	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 117	Date of Summary: 16-JAN-1990	First Sample Examined: 0
Lease Number: 00065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10750
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10729
API Well Number: 177114100700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 13-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7695	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9440 / 9431	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
10240 / 10223	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 118	Date of Summary: 03-OCT-1994	First Sample Examined: 0
Lease Number: 00068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10863
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10783
API Well Number: 177114113400	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 02-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7849	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9770 / 9757	DEF AT Cyclammina sp. (local marker)	DEF AT
10730 / 10660	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 119	Date of Summary: 08-FEB-1996	First Sample Examined: 0
Lease Number: 00040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9817
Well Name: X001	Paleo Done By: OPERATOR	Borehole TVD: 9480
API Well Number: 177114115100	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 16-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5330 / 5079	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7165 / 6834	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 119	Date of Summary: 13-FEB-1996	First Sample Examined: 0
Lease Number: 00040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11679
Well Name: X002	Paleo Done By: OPERATOR	Borehole TVD: 11215
API Well Number: 177114115200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 18-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5900 / 5895	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8670 / 8423	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10020 / 9636	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 119	Date of Summary: 23-FEB-1995	First Sample Examined: 0
Lease Number: 00066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11252
Well Name: Q002	Paleo Done By: OPERATOR	Borehole TVD: 10282
API Well Number: 177114109300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 15-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9053 / 8839	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10661 / 9886	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 119	Date of Summary: 06-SEP-1994	First Sample Examined: 0
Lease Number: 00066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11428
Well Name: W001	Paleo Done By: OPERATOR	Borehole TVD: 10422
API Well Number: 177114114400	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 28-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 8062	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8290 / 8190	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 128	Date of Summary: 15-AUG-1990	First Sample Examined: 8560
Lease Number: G08707	Source of Paleo: OPERATOR	Borehole MD: 18750
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 18733
API Well Number: 177114097600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 8560 - 16530	Water Depth: 56
Public Info Code: Y 03-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Consultant-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8560 / 8560	DEF AT first sample examined	DEF AT 1
8950 / 8950	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9870 / 9870	DEF AT Cyclammina sp. (local marker)	DEF AT 1
9989 / 9989	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 1
9990 / 9990	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
10290 / 10289	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
10920 / 10919	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
11430 / 11429	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 1
12090 / 12089	DEF AT Cyclammina sp. (local marker)	DEF AT 1
12900 / 12899	DEF AT Cyclammina sp. (local marker)	DEF AT 2
13230 / 13229	DEF AT - - - - -	DEF AT 1
13860 / 13859	DEF AT Arenaceous fauna (local marker)	DEF AT 2
14430 / 14429	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
14550 / 14549	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
14640 / 14639	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
14790 / 14789	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT 3
14850 / 14849	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 3
15390 / 15387	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 3
15600 / 15597	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
15930 / 15927	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
16500 / 16497	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 128	Date of Summary: 15-AUG-1990	First Sample Examined: 15230
Lease Number: G08707	Source of Paleo: OPERATOR	Borehole MD: 18750
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 18733
API Well Number: 177114097600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 76
Paleo Report Num: 2 of 2	Sample Range: 15230 - 18740	Water Depth: 56
Public Info Code: Y 03-SEP-2000	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Consultant-integrated foram and nanno report for sidetrack, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15230 / 15228	DEF AT first sample examined	DEF AT 2
15560 / 15557	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
16160 / 16157	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
16310 / 16307	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 2
16370 / 16367	DEF AT -----	DEF AT 3
16610 / 16607	DEF AT -----	DEF AT 1
17030 / 17027	DEF AT -----	DEF AT 3
17270 / 17267	POS AT -----	DEF AT 4
17329 / 17326	DEF AT Bathysiphon fauna	DEF AT 4
17330 / 17327	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17690 / 17687	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
18110 / 18105	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
18500 / 18489	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
18560 / 18548	DEF AT deepwater facies Listerella fauna	DEF AT 4
18740 / 18724	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 129	Date of Summary: 28-OCT-1996	First Sample Examined: 0
Lease Number: G12941	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11616
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11167
API Well Number: 177114107900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 07-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11060 / 10665	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 148	Date of Summary: 02-OCT-1991	First Sample Examined: 0
Lease Number: G11983	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15097
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177114106400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 07-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5440	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8405 / 8405	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10252 / 10247	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
13245 / 12856	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 150	Date of Summary: 04-DEC-1990	First Sample Examined: 7600
Lease Number: 00419	Source of Paleo: OPERATOR	Borehole MD: 12143
Well Name: 010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10400
API Well Number: 177114104600	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7600 - 11100	Water Depth: 54
Public Info Code: Y 01-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7018	DEF AT first sample examined	DEF AT 2
7601 / 7019	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7840 / 7186	DEF AT faunal change (no faunal increase)	POS AT 3
9440 / 8320	POS AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 3
9530 / 8385	DEF AT pyrite	DEF AT 3
10500 / 9081	DEF AT Cyclammina sp. (local marker)	DEF AT 3
10560 / 9124	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10890 / 9363	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11100 / 9517	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-2004

Area Block: SS 150	Date of Summary: 11-DEC-1990	First Sample Examined: 7000
Lease Number: 00419	Source of Paleo: OPERATOR	Borehole MD: 11962
Well Name: 010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10347
API Well Number: 177114104601	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7000 - 11957	Water Depth: 54
Public Info Code: Y 10-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6544	DEF AT first sample examined	DEF AT 2
7001 / 6545	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7947 / 7226	POS AT - - - - -	POS AT 3
10357 / 9101	DEF AT Upper Miocene (Messinian) Textularia "X"	POS AT 3
11017 / 9664	DEF AT - - - - -	DEF AT 4
11957 / 10432	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 150	Date of Summary: 06-NOV-1990	First Sample Examined: 7520
Lease Number: 00419	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11064
API Well Number: 177114103800	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 7520 - 12773	Water Depth: 54
Public Info Code: Y 02-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
7520 / 6968	DEF AT first sample examined	DEF IN 2
7521 / 6969	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
8420 / 7618	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
9620 / 8537	DEF AT - - - - -	POS AT 3
10080 / 8899	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12476 / 10686	DEF AT - - - - -	DEF AT 4
12773 / 10899	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 150	Date of Summary: 06-NOV-1990	First Sample Examined: 7110
Lease Number: 00419	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11064
API Well Number: 177114103800	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 7110 - 12960	Water Depth: 54
Public Info Code: Y 02-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
7110 / 6674	DEF AT first sample examined	DEF AT 2
7111 / 6675	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8490 / 7669	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9570 / 8498	DEF AT - - - - -	POS AT 3
9990 / 8829	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12000 / 10335	DEF AT - - - - -	DEF AT 4
12960 / 11035	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 156	Date of Summary: 15-MAY-1992	First Sample Examined: 9610
Lease Number: G10770	Source of Paleo: OPERATOR	Borehole MD: 12130
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11516
API Well Number: 177114108900	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 9610 - 12130	Water Depth: 50
Public Info Code: Y 23-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9610 / 9310	DEF AT first sample examined	DEF IN 3
11020 / 10551	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
12130 / 11519	DEF AT last sample examined	DEF IN 3

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Area Block: SS 157	Date of Summary: 09-NOV-1998	First Sample Examined: 0
Lease Number: G08709	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11732
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11732
API Well Number: 177114103700	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 18-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	POS AT Pliocene	DEF AT
7850 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9750 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
10650 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 157	Date of Summary: 21-FEB-1992	First Sample Examined: 0
Lease Number: G08709	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11530
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11246
API Well Number: 177114105200	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 25-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	POS AT Pliocene	DEF AT
7820 / 7819	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9850 / 9726	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
10950 / 10723	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Area Block: SS 157	Date of Summary: 21-FEB-1992	First Sample Examined: 0
Lease Number: G10770	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12479
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11379
API Well Number: 177114106600	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 17-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6013	POS AT Pliocene	DEF AT
8500 / 7816	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10800 / 9885	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
11950 / 10914	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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End Date: 31-DEC-2004

Area Block: SS 157	Date of Summary: 10-JAN-1992	First Sample Examined: 0
Lease Number: G10770	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12010
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11340
API Well Number: 177114107100	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 08-DEC-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 5934	POS AT Pliocene	DEF AT
8000 / 7751	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10300 / 9802	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
11368 / 10752	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Area Block: SS 157	Date of Summary: 21-FEB-1992	First Sample Examined: 0
Lease Number: G10772	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12457
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 11240
API Well Number: 177114106800	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 16-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6248	POS AT Pliocene	DEF AT
8500 / 7826	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10650 / 9651	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
11850 / 10712	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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End Date: 31-DEC-2004

Area Block: SS 174	Date of Summary: 04-NOV-1994	First Sample Examined: 0
Lease Number: 00590	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11416
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 9640
API Well Number: 177114115001	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 23-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9692 / 8603	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10900 / 9340	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Area Block: SS 182	Date of Summary: 20-FEB-1994	First Sample Examined: 6000
Lease Number: G01019	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9250
API Well Number: 177114111200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 6000 - 9250	Water Depth: 66
Public Info Code: Y 31-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 2
6210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6390 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 2
7530 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7830 /	DEF AT - - - - -	DEF AT 1
8310 /	DEF AT - - - - -	DEF AT 2
8520 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8730 /	DEF AT - - - - -	DEF AT 1
9250 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 190	Date of Summary: 03-FEB-1990	First Sample Examined: 7980
Lease Number: G10775	Source of Paleo: OPERATOR	Borehole MD: 15786
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15320
API Well Number: 177114100300	Drilling Operator: HARBERT ENERGY CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7980 - 15786	Water Depth: 76
Public Info Code: Y 15-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7980 / 7692	DEF AT first sample examined	DEF AT 3
7981 / 7693	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8250 / 7948	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8940 / 8601	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9330 / 8971	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10920 / 10498	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11010 / 10586	DEF AT Eggerella sp. (local marker)	DEF AT 3
11700 / 11258	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
11940 / 11491	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
13320 / 12860	DEF AT - - - - -	DEF AT 4
13380 / 12920	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13800 / 13340	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
13860 / 13400	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
15760 / 15295	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
15786 / 15320	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 192	Date of Summary: 17-JUN-1998	First Sample Examined: 0
Lease Number: G16390	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14201
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13213
API Well Number: 177114125100	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 07-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12800 / 11832	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: SS 193	Date of Summary: 04-JAN-1995	First Sample Examined: 0
Lease Number: G13917	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12252
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11673
API Well Number: 177114115300	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 17-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10290 / 9828	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11250 / 10706	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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Area Block: SS 209	Date of Summary: 15-SEP-1991	First Sample Examined: 4200
Lease Number: 00827	Source of Paleo: OPERATOR	Borehole MD: 9745
Well Name: D010	Paleo Done By: OPERATOR	Borehole TVD: 9329
API Well Number: 177114105900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 4200 - 9725	Water Depth: 103
Public Info Code: Y 13-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4200 / 4200	DEF AT first sample examined	DEF AT 3
4201 / 4201	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4434 / 4433	DEF AT - - - - -	DEF AT 2
4797 / 4790	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 2
5680 / 5610	DEF AT - - - - -	DEF AT 3
5740 / 5664	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5800 / 5718	DEF AT - - - - -	DEF AT 2
5993 / 5895	DEF AT - - - - -	DEF IN 2
6431 / 6298	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF IN 2
6870 / 6701	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8008 / 7737	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 2
8703 / 8373	DEF AT - - - - -	DEF AT 3
8891 / 8546	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9725 / 9311	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 209	Date of Summary: 22-OCT-2000	First Sample Examined: 0
Lease Number: G15289	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17575
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16787
API Well Number: 177114132101	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 27-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13880 / 13722	DEF AT Cyclammina sp. (local marker)	DEF AT
13910 / 13747	DEF AT Lower Pliocene (Zanclian) Discoaster quintatus	DEF AT
14600 / 14320	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
15950 / 15452	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
16610 / 15994	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
17210 / 16486	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT
17240 / 16511	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 220	Date of Summary: 19-JUN-1996	First Sample Examined: 5000
Lease Number: G12950	Source of Paleo: OPERATOR	Borehole MD: 15975
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13761
API Well Number: 177114120700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 5000 - 8420	Water Depth: 57
Public Info Code: Y 15-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 2
5200 / 5200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6800 / 6799	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7950 / 7947	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
8060 / 8056	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8420 / 8402	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

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Area Block: SS 220	Date of Summary: 19-JUN-1996	First Sample Examined: 7400
Lease Number: G12950	Source of Paleo: OPERATOR	Borehole MD: 15975
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13761
API Well Number: 177114120700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 7400 - 16200	Water Depth: 57
Public Info Code: Y 15-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7400 / 7399	DEF AT first sample examined	DEF AT 3
7550 / 7549	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8210 / 8202	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
9260 / 9092	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10100 / 9677	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11960 / 10942	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12380 / 11220	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
12470 / 11279	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12800 / 11500	DEF AT Bathysiphon fauna	DEF AT 3
12980 / 11622	DEF AT Eggerella 3 (local marker)	DEF AT 3
13550 / 12018	DEF AT local marker benthic foram increase	DEF AT 3
14090 / 12402	DEF AT sample gap top	POS AT 3
14699 / 12837	DEF AT sample gap bottom	DEF AT 4
14700 / 12838	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15200 / 13204	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15290 / 13272	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
15470 / 13404	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15830 / 13661	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
15975 / 13762	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 222	Date of Summary: 15-OCT-1990	First Sample Examined: 0
Lease Number: G01525	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12875
Well Name: D010	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177114103400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 14-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6658 / 5689	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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End Date: 31-DEC-2004

Area Block: SS 225	Date of Summary: 12-NOV-1990	First Sample Examined: 0
Lease Number: G01984	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13459
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13246
API Well Number: 177114103900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 07-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5460 / 5460	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6150 / 6150	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7800 / 7800	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9870 / 9816	DEF AT Cyclamina cancellata (local marker)	DEF AT
11130 / 11013	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: SS 229	Date of Summary: 14-MAR-1996	First Sample Examined: 12020
Lease Number: 00832	Source of Paleo: OPERATOR	Borehole MD: 13484
Well Name: C016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11345
API Well Number: 177114118700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 12020 - 13460	Water Depth: 125
Public Info Code: Y 20-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12020 /	DEF AT first sample examined	DEF AT 2
12440 /	DEF AT - - - - -	POS AT 3
12500 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
13460 /	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-2004

Area Block: SS 253	Date of Summary: 25-AUG-1990	First Sample Examined: 1800
Lease Number: G01031	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: E014	Paleo Done By: OPERATOR	Borehole TVD: 10770
API Well Number: 177124042100	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 1800 - 12600	Water Depth: 170
Public Info Code: Y 11-APR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	DEF AT
2700 / 2695	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4440 / 4186	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5940 / 5376	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7410 / 6546	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7470 / 6594	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9000 / 7815	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9360 / 8098	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9810 / 8463	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10470 / 9031	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11160 / 9616	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
11400 / 9816	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12600 / 10771	DEF AT last sample examined	DEF AT

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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 253	Date of Summary: 22-NOV-1994	First Sample Examined: 0
Lease Number: G01529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12447
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 11415
API Well Number: 177124052000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 18-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4788 / 4235	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6141 / 5453	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11638 / 10607	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 253	Date of Summary: 22-DEC-1994	First Sample Examined: 0
Lease Number: G01529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11996
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 11061
API Well Number: 177124052200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 25-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4414 / 4273	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5747 / 5475	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11177 / 10354	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 261	Date of Summary: 01-MAR-1996	First Sample Examined: 5030
Lease Number: G14506	Source of Paleo: OPERATOR	Borehole MD: 13314
Well Name: A001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13310
API Well Number: 177124055300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 5030 - 13314	Water Depth: 165
Public Info Code: Y 25-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT first sample examined	DEF IN 2
5031 / 5031	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
5090 / 5090	DEF AT pyrite	DEF IN 2
5150 / 5150	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 2
5510 / 5510	DEF AT faunal change (no faunal increase)	POS AT 2
6110 / 6110	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6230 / 6230	DEF AT local marker benthic foram increase	DEF AT 3
6349 / 6349	DEF AT pyrite	DEF AT 3
6350 / 6350	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6530 / 6530	DEF AT local marker benthic foram increase	DEF AT 3
6560 / 6560	DEF AT sample gap top	POS AT 3
6650 / 6650	DEF AT sample gap bottom	DEF AT 3
6949 / 6949	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
6950 / 6950	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7250 / 7250	DEF AT faunal change (no faunal increase)	DEF AT 3
7490 / 7490	DEF AT faunal change (no faunal increase)	POS AT 3
7550 / 7550	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7609 / 7609	DEF AT pyrite	DEF AT 4
7610 / 7610	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
7670 / 7670	DEF AT pyrite	DEF AT 4
7730 / 7730	DEF AT local marker benthic foram increase	DEF AT 4
7910 / 7909	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 261	Date of Summary: 01-MAR-1996	First Sample Examined: 5030
Lease Number: G14506	Source of Paleo: OPERATOR	Borehole MD: 13314
Well Name: A001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13310
API Well Number: 177124055300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 5030 - 13314	Water Depth: 165
Public Info Code: Y 25-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
7970 / 7969	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8030 / 8029	DEF AT faunal change (no faunal increase)	DEF IN 3
8270 / 8269	DEF AT pyrite	DEF AT 3
8600 / 8599	DEF AT local white Arenaceous fauna	DEF AT 3
8959 / 8958	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
8960 / 8959	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 3
9080 / 9079	DEF AT faunal change (no faunal increase)	DEF AT 3
9499 / 9498	DEF AT local white Arenaceous fauna	DEF AT 3
9500 / 9499	DEF AT Eggerella sp. (local marker)	DEF AT 3
9560 / 9559	DEF AT local marker benthic foram increase	DEF IN 3
9590 / 9589	DEF AT pyrite	DEF IN 3
9620 / 9619	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
9680 / 9679	DEF AT faunal change (no faunal increase)	DEF AT 4
9800 / 9799	DEF AT faunal change (no faunal increase)	DEF IN 3
9920 / 9919	DEF AT local marker benthic foram increase	DEF AT 4
9980 / 9979	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10040 / 10039	DEF AT faunal change (no faunal increase)	DEF IN 3
10280 / 10279	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10459 / 10458	DEF AT local white Arenaceous fauna	DEF AT 4
10460 / 10459	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10820 / 10819	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10940 / 10939	DEF AT faunal change (no faunal increase)	DEF IN 3
11000 / 10998	DEF AT local marker foram decrease	DEF IN 3
11180 / 11178	DEF AT faunal change (no faunal increase)	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 261	Date of Summary: 01-MAR-1996	First Sample Examined: 5030
Lease Number: G14506	Source of Paleo: OPERATOR	Borehole MD: 13314
Well Name: A001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13310
API Well Number: 177124055300	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 5030 - 13314	Water Depth: 165
Public Info Code: Y 25-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 / 11298	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11540 / 11538	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
11840 / 11837	DEF AT faunal change (no faunal increase)	POS AT 3
12169 / 12166	POS AT unconformity	DEF AT 4
12170 / 12167	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12200 / 12197	DEF AT pyrite	DEF AT 4
12290 / 12287	DEF AT local marker benthic foram increase	DEF AT 4
12350 / 12347	DEF AT faunal change (no faunal increase)	POS AT 3
12830 / 12827	DEF AT Arenaceous fauna (local marker)	POS AT 4
12950 / 12947	DEF AT faunal change (no faunal increase)	DEF IN 3
13180 / 13176	DEF AT faunal change (no faunal increase)	DEF AT 3
13314 / 13310	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 266	Date of Summary: 29-AUG-1991	First Sample Examined: 6500
Lease Number: G01034	Source of Paleo: OPERATOR	Borehole MD: 7565
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6898
API Well Number: 177124044200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1010 - 7035	Water Depth: 180
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6040	DEF AT first sample examined	DEF AT 3
6920 / 6381	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7035 / 6475	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 266	Date of Summary: 29-AUG-1991	First Sample Examined: 5240
Lease Number: G01034	Source of Paleo: OPERATOR	Borehole MD: 7565
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 6898
API Well Number: 177124044200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 5240 - 7565	Water Depth: 180
Public Info Code: Y 11-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5021	DEF AT first sample examined	DEF AT 3
7565 / 6901	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 266	Date of Summary: 08-FEB-2000	First Sample Examined: 0
Lease Number: G01034	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10930
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 9912
API Well Number: 177124049900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 24-MAR-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9716 / 8698	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 268	Date of Summary: 20-AUG-1990	First Sample Examined: 2000
Lease Number: G07757	Source of Paleo: OPERATOR	Borehole MD: 4575
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 4574
API Well Number: 177124041700	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 2000 - 4575	Water Depth: 202
Public Info Code: Y 24-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF IN 2
2090 / 2090	DEF AT - - - - -	DEF AT 1
2300 / 2300	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 1
2330 / 2330	DEF AT - - - - -	DEF AT 2
2450 / 2450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4575 / 4574	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 268	Date of Summary: 01-APR-1992	First Sample Examined: 500
Lease Number: G07757	Source of Paleo: OPERATOR	Borehole MD: 8110
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 6140
API Well Number: 177124046400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 500 - 8080	Water Depth: 202
Public Info Code: Y 20-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, 8080=displaced Pliocene fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF AT 1
700 / 700	DEF AT -----	DEF AT 2
1060 / 1056	DEF AT -----	DEF AT 1
1330 / 1316	DEF AT cement	DEF AT
1390 / 1372	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
1450 / 1428	DEF AT -----	DEF AT 3
1990 / 1885	DEF AT -----	DEF AT 2
2620 / 2336	DEF AT -----	DEF AT 3
2740 / 2418	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3820 / 3149	DEF AT cement	POS AT 3
3940 / 3230	DEF AT -----	DEF AT 3
4840 / 3850	DEF AT -----	DEF AT 3
5920 / 4607	DEF AT -----	DEF AT 1
7000 / 5366	DEF AT -----	DEF AT 2
7540 / 5744	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 2
8080 / 6120	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 268	Date of Summary: 01-APR-1992	First Sample Examined: 8530
Lease Number: G07757	Source of Paleo: OPERATOR	Borehole MD: 10130
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 6920
API Well Number: 177124046401	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 8530 - 10120	Water Depth: 202
Public Info Code: Y 01-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8530 / 6068	DEF AT first sample examined	DEF AT 2
8740 / 6184	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 2
9970 / 6842	DEF AT - - - - -	DEF AT 1
10120 / 6919	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 272	Date of Summary: 19-SEP-1997	First Sample Examined: 0
Lease Number: G16393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177124057200	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 6505	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 277	Date of Summary: 24-APR-1990	First Sample Examined: 0
Lease Number: G10785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7120
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6600
API Well Number: 177124042500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 219
Public Info Code: Y 21-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 3019	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5580 / 5078	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6014 / 5507	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 284	Date of Summary: 03-JUN-1998	First Sample Examined: 1320
Lease Number: G18022	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11396
API Well Number: 177124058200	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1320 - 11400	Water Depth: 224
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 / 1320	DEF AT first sample examined	DEF AT 2
2280 / 2280	DEF AT faunal change (no faunal increase)	DEF AT 3
2700 / 2700	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3180 / 3180	DEF AT faunal change (no faunal increase)	DEF AT 4
3510 / 3510	DEF AT faunal change (no faunal increase)	DEF AT 3
4230 / 4230	DEF AT faunal change (no faunal increase)	DEF AT 4
7020 / 7019	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7110 / 7109	DEF AT faunal change (no faunal increase)	DEF AT 5
7200 / 7199	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8190 / 8189	DEF AT faunal change (no faunal increase)	DEF AT 4
9660 / 9658	DEF AT faunal change (no faunal increase)	DEF AT 5
9690 / 9688	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
9930 / 9928	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
11040 / 11037	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
11170 / 11167	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
11400 / 11396	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 284	Date of Summary: 03-JUN-1998	First Sample Examined: 1320
Lease Number: G18022	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11396
API Well Number: 177124058200	Drilling Operator: EOG RESOURCES INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1320 - 11400	Water Depth: 224
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 / 1320	DEF AT first sample examined	DEF AT
2730 / 2730	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6260 / 6259	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7020 / 7019	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
7050 / 7049	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
7500 / 7499	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9660 / 9658	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9750 / 9748	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11070 / 11067	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11200 / 11196	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11400 / 11396	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 299	Date of Summary: 21-SEP-1990	First Sample Examined: 4200
Lease Number: G07759	Source of Paleo: OPERATOR	Borehole MD: 6847
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5563
API Well Number: 177124043600	Drilling Operator: ADOBE OIL & GAS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4200 - 6840	Water Depth: 261
Public Info Code: Y 16-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 3563	DEF AT first sample examined	DEF IN 3
4560 / 3833	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5490 / 4515	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5520 / 4538	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5580 / 4583	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5700 / 4673	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6060 / 4949	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6360 / 5181	POS AT Upper Pliocene (Gelasian) Globorotalia praeahirsuta	DEF AT 4
6749 / 5487	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6750 / 5487	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6810 / 5534	DEF AT local marker foram decrease	DEF AT 4
6840 / 5557	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 300	Date of Summary: 06-FEB-1991	First Sample Examined: 4050
Lease Number: G07760	Source of Paleo: OPERATOR	Borehole MD: 6650
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6647
API Well Number: 177124044100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4050 - 6650	Water Depth: 250
Public Info Code: Y 04-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4049	DEF AT first sample examined	DEF AT 4
4051 / 4050	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5210 / 5209	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5300 / 5299	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5900 / 5899	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5990 / 5989	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6650 / 6648	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 301	Date of Summary: 15-NOV-1990	First Sample Examined: 5060
Lease Number: G10794	Source of Paleo: OPERATOR	Borehole MD: 9534
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8673
API Well Number: 177124043800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5060 - 9530	Water Depth: 261
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 / 4947	DEF AT first sample examined	DEF IN 3
5600 / 5381	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6890 / 6432	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7340 / 6805	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9530 / 8669	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 301	Date of Summary: 15-NOV-1990	First Sample Examined: 5060
Lease Number: G10794	Source of Paleo: OPERATOR	Borehole MD: 9534
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8673
API Well Number: 177124043800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5060 - 9530	Water Depth: 261
Public Info Code: Y 07-DEC-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
5060 / 4947	DEF AT first sample examined	DEF AT
5061 / 4948	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5989 / 5695	DEF AT Lower Pleistocene (Calabrian) Scyphosphaera pulcherima	DEF AT
5990 / 5696	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8390 / 7697	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9500 / 8643	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9530 / 8669	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 313	Date of Summary: 24-FEB-2000	First Sample Examined: 0
Lease Number: G15305	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9952
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9494
API Well Number: 177124060400	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 292
Public Info Code: Y 25-FEB-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 4200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4980 / 4980	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6200 / 6200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8136 / 8126	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9225 / 9051	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9811 / 9411	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 313	Date of Summary: 17-APR-2000	First Sample Examined: 5220
Lease Number: G15305	Source of Paleo: OPERATOR	Borehole MD: 7940
Well Name: 002	Paleo Done By: PALEO SOURCE	Borehole TVD: 5607
API Well Number: 177124060700	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5220 - 7940	Water Depth: 300
Public Info Code: Y 25-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 / 3807	DEF AT first sample examined	DEF IN 2
5520 / 3961	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 2
6120 / 4279	DEF AT transported inner shelf facies	DEF AT 3
6150 / 4296	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7560 / 5344	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	POS AT 3
7679 / 5446	DEF AT transported inner shelf facies	DEF AT 3
7680 / 5447	DEF AT local marker foram increase	DEF AT 3
7940 / 5678	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 313	Date of Summary: 17-APR-2000	First Sample Examined: 5770
Lease Number: G15305	Source of Paleo: OPERATOR	Borehole MD: 9515
Well Name: 002	Paleo Done By: PALEO SOURCE	Borehole TVD: 7220
API Well Number: 177124060701	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5770 - 9515	Water Depth: 300
Public Info Code: Y 25-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 / 4086	DEF AT first sample examined	POS AT 3
6069 / 4254	DEF AT transported inner shelf facies	POS AT 3
6070 / 4255	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
7270 / 5104	DEF AT local marker foram increase	DEF IN 3
7690 / 5450	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
8230 / 5948	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8620 / 6330	DEF AT local marker foram increase	DEF IN 3
9280 / 6989	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 4
9515 / 7224	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 315	Date of Summary: 05-OCT-1992	First Sample Examined: 5010
Lease Number: G09631	Source of Paleo: OPERATOR	Borehole MD: 10739
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10737
API Well Number: 177124046900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5010 - 10740	Water Depth: 285
Public Info Code: Y 27-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 5010	DEF AT first sample examined	DEF AT 3
5011 / 5011	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5430 / 5430	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5700 / 5700	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6240 / 6240	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6480 / 6480	DEF AT faunal change (no faunal increase)	DEF AT 3
7020 / 7020	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7500 / 7500	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7620 / 7620	DEF AT local marker deep water fauna	DEF AT 4
8520 / 8519	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9240 / 9239	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9420 / 9419	DEF AT pyrite	DEF AT 4
10680 / 10678	DEF AT local marker deep water fauna	DEF AT 5
10740 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 331	Date of Summary: 25-OCT-2000	First Sample Examined: 0
Lease Number: G16401	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13750
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10737
API Well Number: 177124058000	Drilling Operator: POGO PRODUCING COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 374
Public Info Code: Y 02-APR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5920 / 5006	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8620 / 6956	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 339	Date of Summary: 19-JAN-2001	First Sample Examined: 0
Lease Number: G18029	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8169
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7950
API Well Number: 177124061700	Drilling Operator: STONE ENERGY CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 360
Public Info Code: Y 30-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7220 / 7002	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7729 / 7510	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7970 / 7751	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 07-SEP-1993	First Sample Examined: 1500
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 16563
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16474
API Well Number: 177124048000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1500 - 16500	Water Depth: 370
Public Info Code: Y 04-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT 3
1560 / 1560	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2550 / 2549	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2610 / 2609	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3840 / 3839	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
5560 / 5559	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5710 / 5709	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5800 / 5799	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5860 / 5859	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6970 / 6969	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7389 / 7387	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
7390 / 7388	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7419 / 7417	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
7420 / 7418	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7689 / 7687	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
7690 / 7688	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
7750 / 7748	DEF AT salt	POS IN 5
9279 / 9277	POS IN Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF IN 5
9280 / 9278	DEF AT gouge	DEF IN 5
11500 / 11496	POS IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
11529 / 11525	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
11530 / 11526	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 07-SEP-1993	First Sample Examined: 1500
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 16563
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16474
API Well Number: 177124048000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1500 - 16500	Water Depth: 370
Public Info Code: Y 04-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11560 / 11556	DEF AT local marker deep water fauna	DEF AT 6
12520 / 12515	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
12550 / 12545	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13630 / 13624	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
15729 / 15717	DEF AT Eggerella 3 (local marker)	DEF IN 5
15730 / 15718	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
16500 / 16422	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 16-DEC-1993	First Sample Examined: 1500
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 16563
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16474
API Well Number: 177124048000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1500 - 16500	Water Depth: 370
Public Info Code: Y 04-OCT-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT
2580 / 2579	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5560 / 5559	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5710 / 5709	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5800 / 5799	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7000 / 6999	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7390 / 7388	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7510 / 7508	POS IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7540 / 7538	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
7600 / 7598	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
7720 / 7718	DEF AT out-of-place section	DEF AT
11860 / 11856	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
12520 / 12515	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
13690 / 13684	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15370 / 15362	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
15970 / 15948	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
16500 / 16422	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 27-JUN-1994	First Sample Examined: 1480
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 19101
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18572
API Well Number: 177124049600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1480 - 19090	Water Depth: 375
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 / 1480	DEF AT first sample examined	DEF AT 3
1720 / 1720	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3730 / 3730	DEF AT local marker deep water fauna	DEF AT 4
4720 / 4720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5470 / 5470	DEF AT local marker planktic foram increase	DEF AT 5
5500 / 5500	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5709 / 5709	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5710 / 5710	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7030 / 7002	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7060 / 7031	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
7600 / 7555	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
7630 / 7584	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7850 / 7798	DEF AT anhydrite	DEF IN 5
7851 / 7799	DEF AT salt	DEF IN 5
8360 / 8295	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 5
11570 / 11363	DEF IN base of salt	DEF IN 5
11660 / 11450	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
11750 / 11537	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
11780 / 11566	DEF AT - - - - -	DEF AT 6
12010 / 11789	DEF AT sample gap top	POS AT 6
12130 / 11906	DEF AT sample gap bottom	DEF AT 6
12160 / 11935	DEF AT sample gap top	POS AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 27-JUN-1994	First Sample Examined: 1480
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 19101
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18572
API Well Number: 177124049600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1480 - 19090	Water Depth: 375
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12220 / 11993	DEF AT sample gap bottom	DEF AT 6
13570 / 13280	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
14410 / 14101	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
17740 / 17375	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
19030 / 18515	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 6
19090 / 18563	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 27-JUN-1994	First Sample Examined: 1480
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 19101
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18572
API Well Number: 177124049600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1480 - 19090	Water Depth: 375
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 / 1480	DEF AT first sample examined	DEF AT
2050 / 2050	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
2590 / 2590	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5500 / 5500	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5739 / 5739	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
5740 / 5740	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7000 / 6973	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7627 / 7581	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7628 / 7582	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7629 / 7583	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
7630 / 7584	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7710 / 7662	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
7740 / 7691	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
7850 / 7798	DEF AT salt	DEF AT
9860 / 9752	DEF AT out-of-place section	DEF AT
11570 / 11363	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
11750 / 11537	POS IN Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12010 / 11789	DEF AT sample gap top	DEF AT
12130 / 11906	DEF AT sample gap bottom	DEF AT
12131 / 11906	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
13510 / 13222	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14141 / 13837	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 27-JUN-1994	First Sample Examined: 1480
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 19101
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18572
API Well Number: 177124049600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1480 - 19090	Water Depth: 375
Public Info Code: Y 20-JUL-2004	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16060 / 15723	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
17650 / 17289	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
18190 / 17793	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
18370 / 17954	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
18400 / 17981	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
18760 / 18291	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
19060 / 18539	DEF AT Upper Miocene (Tortonian) Catinaster calyculus	DEF AT
19090 / 18563	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 22-SEP-1994	First Sample Examined: 1510
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 7921
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7770
API Well Number: 177124052300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 1510 - 4935	Water Depth: 375
Public Info Code: Y 01-OCT-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 / 1510	DEF AT first sample examined	DEF AT 3
2590 / 2590	DEF AT faunal change (no faunal increase)	DEF AT 4
2770 / 2770	DEF AT faunal change (no faunal increase)	DEF AT 3
3820 / 3820	DEF AT faunal change (no faunal increase)	DEF AT 4
4000 / 4000	DEF AT faunal change (no faunal increase)	DEF AT 3
4660 / 4660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4900 / 4900	DEF AT faunal change (no faunal increase)	DEF AT 4
4935 / 4935	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 349	Date of Summary: 22-SEP-1994	First Sample Examined: 1510
Lease Number: G12008	Source of Paleo: OPERATOR	Borehole MD: 7921
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7770
API Well Number: 177124052300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 1510 - 4935	Water Depth: 375
Public Info Code: Y 01-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 / 1510	DEF AT first sample examined	DEF AT
2590 / 2590	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4935 / 4935	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 361	Date of Summary: 19-FEB-1996	First Sample Examined: 1560
Lease Number: G14514	Source of Paleo: OPERATOR	Borehole MD: 16163
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16155
API Well Number: 177124054900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1560 - 16130	Water Depth: 405
Public Info Code: Y 27-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Agate Prospect, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT first sample examined	DEF AT 3
2190 / 2190	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4080 / 4080	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
4260 / 4260	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4530 / 4530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4560 / 4560	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4710 / 4710	DEF AT local marker deep water fauna	DEF AT 5
4980 / 4980	DEF AT faunal change (no faunal increase)	DEF AT 4
6090 / 6090	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6210 / 6210	DEF AT local marker planktic foram increase	DEF AT 4
6750 / 6750	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6780 / 6780	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7740 / 7739	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7860 / 7859	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9510 / 9509	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
9570 / 9569	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9810 / 9809	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 5
9899 / 9898	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9900 / 9899	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
10020 / 10019	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
10110 / 10109	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
12300 / 12299	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 361	Date of Summary: 19-FEB-1996	First Sample Examined: 1560
Lease Number: G14514	Source of Paleo: OPERATOR	Borehole MD: 16163
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16155
API Well Number: 177124054900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1560 - 16130	Water Depth: 405
Public Info Code: Y 27-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12330 / 12329	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 6
12510 / 12509	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 6
14010 / 14008	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 6
14550 / 14547	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 6
16130 / 16121	DEF AT last sample examined	DEF IN 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 361	Date of Summary: 19-FEB-1996	First Sample Examined: 1560
Lease Number: G14514	Source of Paleo: OPERATOR	Borehole MD: 16163
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16155
API Well Number: 177124054900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 1560 - 16163	Water Depth: 405
Public Info Code: Y 27-OCT-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Agate Prospect, calcareous nannofossil report, nannospecies abundance and diversity table available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1560	DEF AT first sample examined	DEF AT
2280 / 2280	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4230 / 4230	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4590 / 4590	POS AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
6210 / 6210	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6390 / 6390	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7740 / 7739	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
9420 / 9419	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
9540 / 9539	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9630 / 9629	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9810 / 9809	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
10170 / 10169	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
12390 / 12389	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12660 / 12659	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
14010 / 14008	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
14430 / 14427	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
15990 / 15982	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
16163 / 16154	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 361	Date of Summary: 06-JAN-2000	First Sample Examined: 8000
Lease Number: G14514	Source of Paleo: OPERATOR	Borehole MD: 16793
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16090
API Well Number: 177124060300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8000 - 16790	Water Depth: 405
Public Info Code: Y 27-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Agate Prospect, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7949	DEF AT first sample examined	DEF AT 5
8001 / 7950	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9320 / 9219	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9380 / 9276	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9409 / 9303	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
9410 / 9304	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9500 / 9388	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 5
9559 / 9444	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
9560 / 9444	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9770 / 9641	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
9950 / 9810	DEF AT local marker foram decrease	DEF AT 5
10760 / 10567	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11299 / 11070	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11300 / 11071	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
11360 / 11127	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11570 / 11323	DEF AT local marker planktic foram increase	DEF AT 6
11600 / 11351	DEF AT local marker foram decrease	DEF AT 5
12020 / 11742	DEF AT local marker deep water fauna	DEF AT 6
12980 / 12633	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
13520 / 13123	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13820 / 13393	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
16790 / 16088	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 361	Date of Summary: 06-JAN-2000	First Sample Examined: 8000
Lease Number: G14514	Source of Paleo: OPERATOR	Borehole MD: 16793
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16090
API Well Number: 177124060300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8000 - 16790	Water Depth: 405
Public Info Code: Y 27-OCT-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Agate Prospect, calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7949	DEF AT first sample examined	DEF AT
9380 / 9276	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
9410 / 9304	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9440 / 9332	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9530 / 9416	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9980 / 9838	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
10280 / 10118	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10730 / 10539	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
11270 / 11043	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
12140 / 11854	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
13460 / 13069	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
13820 / 13393	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
15410 / 14865	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
16790 / 16088	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: SS 365	Date of Summary: 17-NOV-1997	First Sample Examined: 0
Lease Number: G16404	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13993
API Well Number: 177124057400	Drilling Operator: DEVON SFS OPERATING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 455
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2440 / 2440	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
5320 / 5320	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7690 / 7688	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10540 / 10536	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 31	Date of Summary: 10-FEB-2000	First Sample Examined: 0
Lease Number: G18033	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11575
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11103
API Well Number: 177154099500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10430 / 10348	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 33	Date of Summary: 08-JAN-2001	First Sample Examined: 0
Lease Number: G18034	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12755
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12006
API Well Number: 177154103401	Drilling Operator: BOIS D'ARC OFFSHORE LTD	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 10220	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 38	Date of Summary: 16-FEB-1993	First Sample Examined: 0
Lease Number: G09637	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14085
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12864
API Well Number: 177154080700	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 18-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5040 / 5040	DEF AT - - - - -	DEF AT 2
9510 / 9278	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10740 / 10247	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10860 / 10342	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
12390 / 11532	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
13110 / 12084	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 38	Date of Summary: 11-DEC-1989	First Sample Examined: 10036
Lease Number: G09637	Source of Paleo: OPERATOR	Borehole MD: 11750
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11314
API Well Number: 177154073102	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 10036 - 11750	Water Depth: 56
Public Info Code: Y 08-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10036 / 9972	DEF AT first sample examined	DEF AT 4
10970 / 10685	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11750 / 11314	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 46	Date of Summary: 21-JAN-2000	First Sample Examined: 0
Lease Number: G16415	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15402
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15399
API Well Number: 177154095400	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 27-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14730 / 14728	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 86	Date of Summary: 23-APR-1992	First Sample Examined: 0
Lease Number: 00599	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15320
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 14931
API Well Number: 177154079700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 06-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12655 / 12556	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 86	Date of Summary: 21-JAN-1997	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13436
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 13259
API Well Number: 177154077300	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 17-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4190 / 4189	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4850 / 4849	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7360 / 7356	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8160 / 8153	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12305 / 12131	DEF AT Cyclammina sp. (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 111	Date of Summary: 01-DEC-1994	First Sample Examined: 0
Lease Number: G05602	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17650
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17628
API Well Number: 177154082300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 10-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12445 / 12444	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14761 / 14759	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
15470 / 15467	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 135	Date of Summary: 29-AUG-1991	First Sample Examined: 8101
Lease Number: 00462	Source of Paleo: OPERATOR	Borehole MD: 17580
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 17580
API Well Number: 177154078100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1200 - 17582	Water Depth: 105
Public Info Code: Y 03-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8101 / 8101	DEF AT first sample examined	DEF AT 1
9540 / 9540	DEF AT -----	DEF IN 2
9720 / 9720	DEF AT -----	DEF AT 1
9900 / 9900	DEF AT -----	DEF IN 2
10260 / 10260	DEF AT -----	DEF AT 1
10740 / 10739	DEF AT -----	DEF IN 2
11130 / 11129	DEF AT -----	DEF IN 1
12060 / 12058	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
13500 / 13498	DEF AT -----	DEF AT 2
14730 / 14727	DEF AT -----	DEF AT 1
16620 / 16614	DEF AT -----	DEF AT 2
16990 /	DEF AT -----	DEF IN 3
17350 /	DEF AT -----	DEF AT 4
17460 /	DEF AT -----	DEF AT 5
17582 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 143	Date of Summary: 06-OCT-1995	First Sample Examined: 0
Lease Number: G06767	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4075
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 3699
API Well Number: 177154080800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 17-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7019 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 145	Date of Summary: 24-FEB-1994	First Sample Examined: 0
Lease Number: G14528	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10536
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10310
API Well Number: 177154084400	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 29-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2715 / 2715	POS AT Pleistocene	DEF AT
3480 / 3480	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5190 / 5145	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6570 / 6464	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
6870 / 6751	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8550 / 8363	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Start Date: 01-JAN-2000

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Area Block: ST 148	Date of Summary: 01-NOV-1991	First Sample Examined: 0
Lease Number: G01898	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16250
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16209
API Well Number: 177154079200	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 02-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10960 / 10957	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12980 / 12965	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14600 / 14566	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 148	Date of Summary: 13-NOV-1991	First Sample Examined: 0
Lease Number: G01960	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16962
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 16290
API Well Number: 177154074600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 28-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8840 / 8589	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9140 / 8859	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10640 / 10222	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13700 / 13056	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 158	Date of Summary: 28-FEB-1997	First Sample Examined: 7510
Lease Number: G16430	Source of Paleo: OPERATOR	Borehole MD: 15400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15381
API Well Number: 177154091300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 7510 - 15400	Water Depth: 147
Public Info Code: Y 23-MAY-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7507	DEF AT first sample examined	DEF AT 4
7840 / 7837	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8590 / 8587	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8830 / 8827	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9080 / 9076	DEF AT faunal change (no faunal increase)	DEF AT 5
9470 / 9466	DEF AT faunal change (no faunal increase)	DEF AT 4
12620 / 12616	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15400 / 15381	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 158	Date of Summary: 10-MAR-1997	First Sample Examined: 7510
Lease Number: G16430	Source of Paleo: OPERATOR	Borehole MD: 15400
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15381
API Well Number: 177154091300	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 7510 - 15400	Water Depth: 147
Public Info Code: Y 23-MAY-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
7510 / 7507	DEF AT first sample examined	DEF AT
7511 / 7508	DEF IN Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7630 / 7627	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7750 / 7747	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8620 / 8617	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
8650 / 8647	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8890 / 8887	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
11510 / 11506	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12770 / 12766	POS IN Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
15400 / 15381	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 160	Date of Summary: 17-MAR-1998	First Sample Examined: 5510
Lease Number: G18045	Source of Paleo: OPERATOR	Borehole MD: 16001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15296
API Well Number: 177154094500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 4	Sample Range: 5510 - 13400	Water Depth: 130
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details, from 5510 to 7940, 90' samples analyzed, from 7940 to 13400, 60 samples analyzed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 5510	DEF AT first sample examined	DEF AT 2
5780 / 5780	DEF AT - - - -	DEF AT 3
6500 / 6500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8180 / 8176	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
13400 / 13014	DEF AT last sample examined	DEF AT 3

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Area Block: ST 160	Date of Summary: 17-MAR-1998	First Sample Examined: 12980
Lease Number: G18045	Source of Paleo: OPERATOR	Borehole MD: 16001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15296
API Well Number: 177154094500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 4	Sample Range: 12980 - 16001	Water Depth: 130
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Redrill report, foram species abundance and diversity chart available, see report for details, from 12980 to 14000, 60' samples analyzed, from 14000 to 16001, 30' samples analyzed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12980 / 12639	DEF AT first sample examined	DEF AT 3
14030 / 13587	DEF AT faunal change (no faunal increase)	DEF AT 4
14630 / 14117	DEF AT faunal change (no faunal increase)	DEF AT 3
14840 / 14300	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
15800 / 15125	DEF AT faunal change (no faunal increase)	DEF AT 4
16001 / 15296	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 160	Date of Summary: 17-MAR-1998	First Sample Examined: 5330
Lease Number: G18045	Source of Paleo: OPERATOR	Borehole MD: 16001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15296
API Well Number: 177154094500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 3 of 4	Sample Range: 5330 - 13400	Water Depth: 130
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details, from 5330 to 7940, 90' samples analyzed, from 7940 to 13400, 60' samples analyzed

MD / TVD	Paleo Top Description	Ecozone
5330 / 5330	DEF AT first sample examined	DEF AT
5960 / 5960	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7130 / 7129	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7490 / 7489	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
8060 / 8057	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8900 / 8873	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9680 / 9600	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12920 / 12586	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
13400 / 13014	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 160	Date of Summary: 17-MAR-1998	First Sample Examined: 12980
Lease Number: G18045	Source of Paleo: OPERATOR	Borehole MD: 16001
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15296
API Well Number: 177154094500	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 4 of 4	Sample Range: 12980 - 16001	Water Depth: 130
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for redrill, from 12980 to 14000, 60' samples analyzed, from 14000 to 16001, 30' samples analyzed, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12980 / 12639	DEF AT first sample examined	DEF AT
15020 / 14457	POS AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
16001 / 15296	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 161	Date of Summary: 27-OCT-1993	First Sample Examined: 0
Lease Number: G01248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: C012	Paleo Done By: OPERATOR	Borehole TVD: 8732
API Well Number: 177154081701	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 30-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9315 / 8119	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9780 / 8534	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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Start Date: 01-JAN-2000

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Area Block: ST 172	Date of Summary: 17-JAN-1992	First Sample Examined: 0
Lease Number: G01256	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13110
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 11995
API Well Number: 177154061501	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 09-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5160 / 4636	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 6511	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7710 / 6983	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7980 / 7232	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 172	Date of Summary: 24-FEB-1992	First Sample Examined: 0
Lease Number: G01256	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13389
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 12005
API Well Number: 177154079500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 17-FEB-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4960 / 4741	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 6645	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7700 / 7070	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7830 / 7180	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
8000 / 7324	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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End Date: 31-DEC-2004

Area Block: ST 173	Date of Summary: 24-JUN-1996	First Sample Examined: 0
Lease Number: G04001	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10910
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177154081100	Drilling Operator: MARINER ENERGY INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 02-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6714 / 6690	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8790 / 8396	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10560 / 9728	DEF AT Cyclamina sp. (local marker)	DEF AT
10890 / 9985	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: ST 192	Date of Summary: 07-JUN-2001	First Sample Examined: 0
Lease Number: G04463	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14830
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 14806
API Well Number: 177154086800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 27-OCT-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 10097	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12600 / 12592	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 193	Date of Summary: 02-JAN-1991	First Sample Examined: 4550
Lease Number: G12024	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16485
API Well Number: 177154076400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4550 - 16500	Water Depth: 120
Public Info Code: Y 21-NOV-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4550 /	DEF AT first sample examined	DEF AT
4551 /	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5000 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5930 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6800 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7790 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7880 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8060 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9139 /	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9140 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
13220 /	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
14540 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
16500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 193	Date of Summary: 03-JAN-1991	First Sample Examined: 4550
Lease Number: G12024	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16485
API Well Number: 177154076400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 4550 - 16500	Water Depth: 120
Public Info Code: Y 21-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 /	DEF AT first sample examined	DEF AT 3
4551 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5000 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5720 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7730 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8060 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9380 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10040 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10430 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
13190 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
16500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 193	Date of Summary: 30-JUL-1991	First Sample Examined: 0
Lease Number: G12024	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13830
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13830
API Well Number: 177154078300	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 28-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9499	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13400 / 13395	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 193	Date of Summary: 15-JUN-1992	First Sample Examined: 0
Lease Number: G12024	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13526
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13526
API Well Number: 177154078200	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 05-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1675 / 1675	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6885 / 6885	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
9325 / 9325	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11465 / 11464	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 194	Date of Summary: 18-MAR-1992	First Sample Examined: 0
Lease Number: G05610	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12056
API Well Number: 177154079601	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 21-MAR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11810 / 11451	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 194	Date of Summary: 21-AUG-1991	First Sample Examined: 0
Lease Number: G05610	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12020
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12020
API Well Number: 177154078600	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 18-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11620 / 11619	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 198	Date of Summary: 09-FEB-1990	First Sample Examined: 14289
Lease Number: G07769	Source of Paleo: OPERATOR	Borehole MD: 15517
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15006
API Well Number: 177154073400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 14289 - 15240	Water Depth: 129
Public Info Code: Y 16-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14289 / 13778	DEF AT first sample examined	DEF IN 3
15040 / 14529	DEF AT - - - - -	DEF AT 4
15240 / 14729	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 198	Date of Summary: 13-AUG-1990	First Sample Examined: 0
Lease Number: G07769	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15517
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 15006
API Well Number: 177154073400	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 16-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5165 / 5011	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7715 / 7341	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7948 / 7557	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11570 / 11060	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 203	Date of Summary: 29-AUG-1991	First Sample Examined: 4530
Lease Number: G01269	Source of Paleo: OPERATOR	Borehole MD: 14285
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13600
API Well Number: 177154073500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4530 - 14285	Water Depth: 145
Public Info Code: Y 13-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 /	DEF AT first sample examined	DEF AT 4
6270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12450 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14285 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 213	Date of Summary: 20-JAN-2001	First Sample Examined: 0
Lease Number: G18055	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8030
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8030
API Well Number: 177164026500	Drilling Operator: LLOG EXPLORATION & PRODUCTION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 03-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5600	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7377 / 7377	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 214	Date of Summary: 04-MAR-1997	First Sample Examined: 1020
Lease Number: G16436	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15991
API Well Number: 177164021900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1020 - 16000	Water Depth: 129
Public Info Code: Y 21-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 / 1020	DEF AT first sample examined	DEF AT 2
2670 / 2670	DEF AT - - - - -	DEF AT 3
3780 / 3780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4260 / 4260	DEF AT - - - - -	DEF AT 4
4890 / 4890	DEF AT - - - - -	DEF AT 3
5310 / 5310	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6000 / 6000	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6780 / 6779	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7560 / 7559	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9000 / 8999	DEF AT - - - - -	DEF AT 4
9660 / 9659	DEF AT - - - - -	DEF AT 3
9960 / 9959	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10620 / 10619	DEF AT - - - - -	DEF AT 4
15710 / 15705	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
16000 / 15991	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 218	Date of Summary: 02-FEB-1999	First Sample Examined: 0
Lease Number: G19830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8400
API Well Number: 177164024400	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 31-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7732 / 7732	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-2000

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Area Block: ST 220	Date of Summary: 10-OCT-1997	First Sample Examined: 4990
Lease Number: G14539	Source of Paleo: OPERATOR	Borehole MD: 14582
Well Name: A001	Paleo Done By: PALEO SOURCE	Borehole TVD: 12491
API Well Number: 177164023000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4990 - 14560	Water Depth: 154
Public Info Code: Y 08-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 11500=recrystallized pelletoid-oid packstone

MD / TVD	Paleo Top Description	Ecozone
4990 / 4547	DEF AT first sample examined	DEF AT 1
4991 / 4548	DEF AT reworked material	DEF AT 1
5830 / 5207	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6730 / 5926	DEF AT local marker foram increase	DEF AT 4
7150 / 6262	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7450 / 6503	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 4
7480 / 6528	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
8080 / 7020	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9490 / 8228	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10900 / 9399	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11110 / 9566	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
11170 / 9614	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11440 / 9832	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11500 / 9881	DEF AT oolites	DEF AT 5
12910 / 11052	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12970 / 11103	DEF AT drilling material	POS AT 5
14560 / 12471	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 225	Date of Summary: 17-MAR-2000	First Sample Examined: 4000
Lease Number: G05224	Source of Paleo: OPERATOR	Borehole MD: 9303
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9303
API Well Number: 177164026300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4000 - 7000	Water Depth: 179
Public Info Code: Y 27-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3998	DEF AT first sample examined	DEF AT 3
4480 / 4478	DEF AT - - - - -	DEF AT 4
5770 / 5768	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5950 / 5947	DEF AT - - - - -	DEF AT 5
6220 / 6216	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6490 / 6485	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6520 / 6515	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
6820 / 6815	DEF AT - - - - -	DEF AT 4
7000 / 6995	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 225	Date of Summary: 17-MAR-2000	First Sample Examined: 4000
Lease Number: G05224	Source of Paleo: OPERATOR	Borehole MD: 9303
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9303
API Well Number: 177164026300	Drilling Operator: HESS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 4000 - 7000	Water Depth: 179
Public Info Code: Y 27-JAN-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3998	DEF AT first sample examined	DEF AT
4480 / 4478	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5768 / 5766	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5769 / 5767	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5770 / 5768	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5950 / 5947	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6219 / 6215	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
6220 / 6216	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6610 / 6605	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
7000 / 6995	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 225	Date of Summary: 17-MAR-2000	First Sample Examined: 5770
Lease Number: G05224	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9700
API Well Number: 177164026301	Drilling Operator: HESS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 5770 - 9300	Water Depth: 177
Public Info Code: Y 27-JAN-2003	Ecozone Eq MMS: N	Paleo ID: 001

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 /	DEF AT first sample examined	DEF AT
5771 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5950 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6250 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6580 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
7750 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8530 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9300 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 225	Date of Summary: 17-MAR-2000	First Sample Examined: 5770
Lease Number: G05224	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9700
API Well Number: 177164026301	Drilling Operator: HESS CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 5770 - 9300	Water Depth: 177
Public Info Code: Y 27-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
5770 /	DEF AT first sample examined	DEF IN 5
5771 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
5920 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
5980 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 5
6190 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6219 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
6220 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 5
6490 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
6520 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
6610 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8740 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9100 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9130 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9300 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 237	Date of Summary: 13-JAN-1998	First Sample Examined: 5000
Lease Number: G15328	Source of Paleo: OPERATOR	Borehole MD: 16105
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16101
API Well Number: 177164023100	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16100	Water Depth: 170
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 4
5540 /	DEF AT local marker foram increase	DEF AT 4
5840 /	DEF AT sample gap top	POS AT 4
6409 /	DEF AT sample gap bottom	DEF AT 4
6410 /	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
6620 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6650 /	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7100 /	DEF AT sample gap top	POS AT 4
7400 /	DEF AT sample gap bottom	DEF AT 4
7970 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8000 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8150 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8480 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9350 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9380 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
9470 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 5
9590 /	DEF AT local marker foram decrease	DEF IN 5
9679 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
9680 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9798 /	DEF AT pyrite	DEF IN 5
9799 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 5
9800 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 237	Date of Summary: 13-JAN-1998	First Sample Examined: 5000
Lease Number: G15328	Source of Paleo: OPERATOR	Borehole MD: 16105
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16101
API Well Number: 177164023100	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16100	Water Depth: 170
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10100 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
10220 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 5
11180 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12200 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15200 /	DEF AT sample gap top	POS AT 4
15800 /	DEF AT sample gap bottom	DEF AT 4
16040 /	DEF AT sample gap top	POS AT 4
16099 /	DEF AT sample gap bottom	DEF AT 4
16100 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 250	Date of Summary: 07-SEP-2000	First Sample Examined: 0
Lease Number: G15336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177164026700	Drilling Operator: CHIEFTAIN INTERNATIONAL US INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4835 / 4835	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 252	Date of Summary: 08-DEC-1995	First Sample Examined: 0
Lease Number: G10842	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8960
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8606
API Well Number: 177164019800	Drilling Operator: DALEN RESOURCES OIL & GAS CO	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 197
Public Info Code: Y 22-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6777	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7750 / 7598	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8470 / 8196	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8620 / 8321	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 252	Date of Summary: 08-MAY-1998	First Sample Examined: 0
Lease Number: G12978	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9791
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8600
API Well Number: 177164020600	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 196
Public Info Code: Y 23-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7710 / 6734	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8710 / 7623	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9420 / 8262	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9530 / 8362	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 260	Date of Summary: 17-MAR-1994	First Sample Examined: 3990
Lease Number: G12037	Source of Paleo: OPERATOR	Borehole MD: 16611
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16571
API Well Number: 177164019700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 3990 - 16290	Water Depth: 372
Public Info Code: Y 09-NOV-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT first sample examined	DEF AT
6420 / 6420	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
8008 / 8007	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
8009 / 8008	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
8010 / 8009	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
8250 / 8249	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
9028 / 9027	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9029 / 9028	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
9030 / 9029	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
9089 / 9088	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9090 / 9089	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9150 / 9149	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
9810 / 9809	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
9870 / 9869	DEF AT salt	DEF AT
11669 / 11667	DEF AT base of salt	DEF AT
11670 / 11668	DEF AT out-of-place section	DEF AT
12020 / 12018	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13200 / 13197	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14280 / 14277	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
14340 / 14337	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
16260 / 16257	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
16290 / 16287	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 260	Date of Summary: 18-MAR-1994	First Sample Examined: 3990
Lease Number: G12037	Source of Paleo: OPERATOR	Borehole MD: 16611
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16571
API Well Number: 177164019700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 3990 - 16290	Water Depth: 372
Public Info Code: Y 09-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT first sample examined	DEF AT 5
4470 / 4470	DEF AT local marker benthic foram increase	DEF AT 4
6450 / 6450	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
7980 / 7979	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
8010 / 8009	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8160 / 8159	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 5
9028 / 9027	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
9029 / 9028	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
9030 / 9029	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 5
9060 / 9059	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9240 / 9239	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
9390 / 9389	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9420 / 9419	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9780 / 9779	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
9870 / 9869	DEF IN salt	DEF AT 6
11670 / 11668	DEF AT base of salt	DEF AT 6
11729 / 11727	POS AT out-of-place section	DEF AT 6
11730 / 11728	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
11940 / 11938	DEF AT anhydrite	DEF AT 6
12370 / 12367	DEF AT sample gap top	POS AT 6
12490 / 12487	DEF AT sample gap bottom	DEF AT 6
12520 / 12517	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 260	Date of Summary: 18-MAR-1994	First Sample Examined: 3990
Lease Number: G12037	Source of Paleo: OPERATOR	Borehole MD: 16611
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16571
API Well Number: 177164019700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 3990 - 16290	Water Depth: 372
Public Info Code: Y 09-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16290 / 16287	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 260	Date of Summary: 12-APR-1994	First Sample Examined: 12777
Lease Number: G12037	Source of Paleo: OPERATOR	Borehole MD: 16611
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16571
API Well Number: 177164019700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 12777 - 16610	Water Depth: 372
Public Info Code: Y 09-NOV-2003	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12777 / 12774	DEF AT first sample examined	POS AT 6
12820 / 12817	DEF AT Arenaceous fauna (local marker)	POS AT 6
12970 / 12967	DEF AT Eggerella sp. (local marker)	POS AT 6
13089 / 13086	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	POS AT 6
13090 / 13087	DEF IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	POS AT 6
13150 / 13147	DEF AT Eggerella sp. (local marker)	DEF AT 6
13240 / 13237	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 6
13450 / 13447	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
13600 / 13597	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
13690 / 13687	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
16610 / 16607	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 260	Date of Summary: 18-APR-1994	First Sample Examined: 12777
Lease Number: G12037	Source of Paleo: OPERATOR	Borehole MD: 16611
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16571
API Well Number: 177164019700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 12777 - 16610	Water Depth: 372
Public Info Code: Y 09-NOV-2003	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12777 / 12774	DEF AT first sample examined	DEF AT
13120 / 13117	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14181 / 14178	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
14380 / 14377	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
15880 / 15877	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
16610 / 16607	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 265	Date of Summary: 15-APR-1996	First Sample Examined: 0
Lease Number: G12980	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16781
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16750
API Well Number: 177164020200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 11-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15300 / 15291	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 265	Date of Summary: 06-MAR-1996	First Sample Examined: 14490
Lease Number: G15338	Source of Paleo: OPERATOR	Borehole MD: 16875
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16600
API Well Number: 177164021100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 14490 - 16875	Water Depth: 198
Public Info Code: Y 02-MAR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14490 / 14412	DEF AT first sample examined	POS AT 5
14491 / 14413	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 5
15990 / 15760	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	POS AT 5
16875 / 16600	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 265	Date of Summary: 06-MAR-1996	First Sample Examined: 15210
Lease Number: G15338	Source of Paleo: OPERATOR	Borehole MD: 16875
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16600
API Well Number: 177164021100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 15210 - 16785	Water Depth: 198
Public Info Code: Y 02-MAR-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15210 / 15048	DEF AT first sample examined	DEF AT
15211 / 15049	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
16875 / 16600	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 265	Date of Summary: 06-MAR-1996	First Sample Examined: 13877
Lease Number: G15338	Source of Paleo: OPERATOR	Borehole MD: 16600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16449
API Well Number: 177164021101	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 13877 - 16782	Water Depth: 198
Public Info Code: Y 02-MAR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13877 / 13848	DEF AT first sample examined	DEF AT 4
13878 / 13848	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15830 / 15704	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
15860 / 15733	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
16782 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

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Area Block: ST 265	Date of Summary: 06-MAR-1996	First Sample Examined: 13877
Lease Number: G15338	Source of Paleo: OPERATOR	Borehole MD: 16600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16449
API Well Number: 177164021101	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 13877 - 16782	Water Depth: 198
Public Info Code: Y 02-MAR-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13877 / 13848	DEF AT first sample examined	DEF AT
13878 / 13848	POS IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14060 / 14022	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
16782 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 275	Date of Summary: 20-AUG-1990	First Sample Examined: 1500
Lease Number: G07780	Source of Paleo: OPERATOR	Borehole MD: 12745
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12156
API Well Number: 177164016400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1500 - 12740	Water Depth: 240
Public Info Code: Y 04-SEP-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF AT 4
1501 / 1501	DEF AT cement	DEF AT 4
2160 / 2160	DEF AT - - - - -	DEF AT 2
3810 / 3810	DEF AT - - - - -	DEF AT 4
5100 / 5100	DEF AT - - - - -	DEF AT 5
5130 / 5130	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5700 / 5700	DEF AT - - - - -	DEF AT 4
6749 / 6749	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
6750 / 6750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7050 / 7050	DEF AT - - - - -	DEF AT 4
7890 / 7889	DEF AT - - - - -	DEF AT 5
7920 / 7919	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7950 / 7949	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 5
8940 / 8939	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8969 / 8968	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
8970 / 8969	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
9089 / 9088	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
9090 / 9089	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9360 / 9359	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
10830 / 10665	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 5
10950 / 10759	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
12740 / 12200	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 275	Date of Summary: 20-DEC-1991	First Sample Examined: 0
Lease Number: G07780	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12748
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12424
API Well Number: 177164017300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 16-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 5125	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6780 / 6699	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
8220 / 8071	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
9240 / 9044	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9330 / 9129	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 277	Date of Summary: 23-DEC-1992	First Sample Examined: 0
Lease Number: G10853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7250
API Well Number: 177164018700	Drilling Operator: GENERAL ATLANTIC ENERGY CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 29-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6679 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 277	Date of Summary: 20-OCT-1995	First Sample Examined: 0
Lease Number: G10853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7100
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7064
API Well Number: 177164018800	Drilling Operator: GENERAL ATLANTIC ENERGY CORP	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 02-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6705 / 6670	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 277	Date of Summary: 06-JAN-1995	First Sample Examined: 0
Lease Number: G10853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8830
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7135
API Well Number: 177164019600	Drilling Operator: GENERAL ATLANTIC ENERGY CORP	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 12-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7388 / 6013	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8250 / 6671	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 287	Date of Summary: 08-JUL-1998	First Sample Examined: 2860
Lease Number: G15343	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177164023800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2860 - 14850	Water Depth: 470
Public Info Code: Y 19-FEB-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 / 2860	DEF AT first sample examined	DEF AT 4
5020 / 5020	DEF AT - - - - -	DEF AT 5
5200 / 5200	DEF AT - - - - -	DEF IN 5
5590 / 5590	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 5
5800 / 5800	DEF AT - - - - -	DEF AT 5
8170 / 8170	DEF AT sample gap top	POS AT 5
8230 / 8230	DEF AT sample gap bottom	DEF AT 5
8410 / 8410	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8620 / 8620	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 5
8800 / 8800	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
9400 / 9400	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
9820 / 9820	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10960 / 10960	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11530 / 11530	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13500 / 13499	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
13830 / 13829	DEF AT - - - - -	DEF AT 5
14850 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 287	Date of Summary: 08-JUL-1998	First Sample Examined: 2860
Lease Number: G15343	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177164023800	Drilling Operator: HESS CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2860 - 14850	Water Depth: 470
Public Info Code: Y 19-FEB-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 / 2860	DEF AT first sample examined	DEF AT
5200 / 5200	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6790 / 6790	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
7660 / 7660	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
8620 / 8620	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
8800 / 8800	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8920 / 8920	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9250 / 9250	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9850 / 9850	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10060 / 10060	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
11050 / 11050	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
11560 / 11560	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT
12810 / 12809	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13890 / 13889	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13950 / 13949	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
14130 / 14129	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
14850 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 312	Date of Summary: 25-AUG-1997	First Sample Examined: 0
Lease Number: G15346	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12995
API Well Number: 177164022400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 410
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
8700 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT
9270 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: ST 316	Date of Summary: 19-JAN-2000	First Sample Examined: 0
Lease Number: G15348	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14159
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13400
API Well Number: 177164026000	Drilling Operator: PETROBRAS AMERICA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 500
Public Info Code: Y 17-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 9019	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
11270 / 11114	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13880 / 13175	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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End Date: 31-DEC-2004

Area Block: VK 22	Date of Summary: 15-APR-1991	First Sample Examined: 0
Lease Number: G07866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4100
API Well Number: 608164015200	Drilling Operator: SANTA FE INTERNATIONAL CORPOR	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2160 / 2160	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 22	Date of Summary: 16-FEB-2001	First Sample Examined: 0
Lease Number: G07866	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7402
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5900
API Well Number: 608164037800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6188 / 5015	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT

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End Date: 31-DEC-2004

Area Block: VK 24	Date of Summary: 12-JUL-1999	First Sample Examined: 0
Lease Number: G08763	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 608164031900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 23-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13842 / 13841	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
14162 / 14161	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
14425 / 14424	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0
14922 / 14921	DEF AT Lower Cretaceous James Formation	DEF AT 0
15456 / 15455	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 0
15654 / 15653	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 0

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Start Date: 01-JAN-2000

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Area Block: VK 31	Date of Summary: 27-JUL-1990	First Sample Examined: 270
Lease Number: G07870	Source of Paleo: OPERATOR	Borehole MD: 2450
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2450
API Well Number: 608164012600	Drilling Operator: SANTA FE MINERALS INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 270 - 2450	Water Depth: 101
Public Info Code: Y 23-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
270 / 270	DEF AT first sample examined	DEF IN 1
720 / 720	DEF AT - - - - -	DEF AT 2
870 / 870	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2340 / 2340	DEF AT - - - - -	DEF AT 3
2370 / 2370	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
2450 / 2450	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 70	Date of Summary: 17-FEB-2000	First Sample Examined: 0
Lease Number: G16532	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 608164033001	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 31-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13723 / 13722	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
14043 / 14042	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
14315 / 14314	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0
14818 / 14817	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 0

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End Date: 31-DEC-2004

Area Block: VK 70	Date of Summary: 23-OCT-2000	First Sample Examined: 0
Lease Number: G16532	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15268
API Well Number: 608164033002	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 31-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13723 / 13283	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
14043 / 13570	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
14315 / 13817	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 0
14818 / 14285	DEF AT Lower Cretaceous James Formation	DEF AT 0
15369 / 14801	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 0

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 159	Date of Summary: 25-MAY-2001	First Sample Examined: 0
Lease Number: G18134	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15498
API Well Number: 608164037400	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 31-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5945 / 5945	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
8050 / 8050	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
8240 / 8240	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
10180 / 10180	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT
10305 / 10304	DEF AT Lower (Early) Cretaceous	DEF AT
12852 / 12851	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13648 / 13647	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT
14338 / 14337	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14762 / 14761	DEF IN Lower Cretaceous Ferry Lake Anhydrite	DEF AT
15148 / 15146	DEF AT Lower Cretaceous James Formation	DEF AT
15300 / 15298	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT

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Area Block: VK 169	Date of Summary: 10-MAY-2001	First Sample Examined: 0
Lease Number: G21718	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15250
API Well Number: 608164038400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 29-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 9069	DEF AT Lower (Early) Cretaceous	DEF AT
14830 / 14826	DEF AT Lower Cretaceous James Formation	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 205	Date of Summary: 02-AUG-2000	First Sample Examined: 0
Lease Number: G18136	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15058
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15056
API Well Number: 608164036300	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 117
Public Info Code: Y 30-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9950 / 9949	DEF AT Lower (Early) Cretaceous	DEF AT 0
12500 / 12499	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 0
13366 / 13365	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT 0
13670 / 13669	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
14514 / 14512	DEF IN Lower Cretaceous Rodessa Formation	DEF AT 0

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Start Date: 01-JAN-2000

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Area Block: VK 252	Date of Summary: 06-JUN-1994	First Sample Examined: 0
Lease Number: G13982	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15071
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15071
API Well Number: 608164019600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 22-APR-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5186 / 5186	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
6633 / 6633	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
7645 / 7645	DEF AT Upper (Late) Cretaceous	DEF AT
9589 / 9587	DEF AT Lower (Early) Cretaceous	DEF AT
12240 / 12238	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13108 / 13106	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13470 / 13468	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
13792 / 13790	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
14216 / 14214	DEF AT Lower Cretaceous James Formation	DEF AT
14974 / 14972	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT

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Area Block: VK 252	Date of Summary: 02-JUL-1999	First Sample Examined: 5180
Lease Number: G13982	Source of Paleo: OPERATOR	Borehole MD: 15071
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 15071
API Well Number: 608164019600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 5180 - 15094	Water Depth: 120
Public Info Code: Y 22-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5180 / 5180	DEF AT first sample examined	POS AT 1
5181 / 5181	POS IN Lower (Early) Miocene	POS AT 3
5600 / 5600	POS IN Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 3
6140 / 6140	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 3
6320 / 6320	DEF IN Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
6620 / 6620	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 4
6649 / 6649	POS AT unconformity	DEF AT 4
6650 / 6650	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT 4
7220 / 7220	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 4
7460 / 7460	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 4
7640 / 7640	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
7820 / 7820	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 4
8430 / 8430	DEF AT Upper Cretaceous (Campanian) Globotruncana calcarata	DEF AT 4
8670 / 8670	DEF IN Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT 4
8760 / 8759	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 4
9120 / 9119	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 4
9360 / 9358	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 4
9540 / 9538	POS AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	POS AT 2
9660 / 9658	POS AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	POS AT 2
10770 / 10768	DEF IN Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	POS AT 2
11730 / 11728	DEF IN Lower Cretaceous (Albian) Coskinoloides texanus	POS AT 2
12870 / 12868	DEF AT faunal change (no faunal increase)	POS AT 3

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Area Block: VK 252	Date of Summary: 02-JUL-1999	First Sample Examined: 5180
Lease Number: G13982	Source of Paleo: OPERATOR	Borehole MD: 15071
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 15071
API Well Number: 608164019600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 5180 - 15094	Water Depth: 120
Public Info Code: Y 22-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13320 / 13318	POS AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
13470 / 13468	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
13560 / 13558	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
14280 / 14278	DEF AT Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT
14281 / 14279	POS AT Lower Cretaceous Pearsall Formation	DEF AT
14282 / 14280	POS AT Lower Cretaceous James Formation	DEF AT
14400 / 14398	POS AT maximum flooding surface	DEF AT
14790 / 14788	DEF IN Lower Cretaceous Pine Island Formation	DEF AT
15094 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 253	Date of Summary: 12-OCT-1994	First Sample Examined: 0
Lease Number: G13983	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 608164020600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 123
Public Info Code: Y 07-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5193 / 5193	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
7577 / 7577	DEF AT Upper (Late) Cretaceous	DEF AT
9550 / 9550	DEF AT Lower (Early) Cretaceous	DEF AT
12250 / 12249	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13147 / 13146	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
13877 / 13876	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
14453 / 14452	DEF AT Lower Cretaceous James Formation	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 253	Date of Summary: 01-JUL-1999	First Sample Examined: 5000
Lease Number: G13983	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 15000
API Well Number: 608164020600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 5000 - 15000	Water Depth: 123
Public Info Code: Y 07-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: 7360=Early Eocene Globorotalia aequa, 13780=very abundant Coskinolina sunnilandensis, Cenozoic paleobathymetries range from outer neritic to Upper bathyal, Late Cretaceous paleobathymetries range from outer neritic to bathyal with modest terrigenous input after the Woodbine/Eagleford

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT
5001 / 5001	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
5150 / 5150	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5720 / 5720	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT
5960 / 5960	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
6230 / 6230	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
6520 / 6520	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT
6670 / 6670	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT
6700 / 6700	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT
6880 / 6880	DEF IN Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT
7360 / 7360	DEF IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
7570 / 7570	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
7630 / 7630	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT
7810 / 7810	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT
7840 / 7840	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
8230 / 8230	DEF AT Upper Cretaceous (Campanian) Globotruncana calcarata	DEF AT
8680 / 8680	POS AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT
8890 / 8890	DEF AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT
9160 / 9160	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
9550 / 9550	DEF AT Upper Cretaceous Woodbine Group/Provincial Stage	DEF AT
9551 / 9551	DEF AT limestone	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 253	Date of Summary: 01-JUL-1999	First Sample Examined: 5000
Lease Number: G13983	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: PALEO SOURCE	Borehole TVD: 15000
API Well Number: 608164020600	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 5000 - 15000	Water Depth: 123
Public Info Code: Y 07-OCT-2004	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
9730 / 9730	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
10840 / 10839	DEF IN Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
11770 / 11769	DEF IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
13510 / 13509	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
13600 / 13599	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
13779 / 13778	DEF AT reefal material	DEF AT
13780 / 13779	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
14440 / 14439	DEF AT calcite	DEF AT
15000 / 14999	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 296	Date of Summary: 05-APR-1994	First Sample Examined: 0
Lease Number: G10932	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 608164018700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 15-AUG-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7946 / 7946	DEF AT Upper (Late) Cretaceous	DEF AT
12338 / 12337	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
13206 / 13205	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
14460 / 14459	DEF IN Lower Cretaceous James Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 296	Date of Summary: 06-MAY-1994	First Sample Examined: 8100
Lease Number: G10932	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 608164018700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 8100 - 15500	Water Depth: 120
Public Info Code: Y 15-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 15060=Upper Aptian Nannoconus bucheri, 15240=Lower Aptian Nannoconus wassal

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 8100	DEF AT first sample examined	DEF AT
8101 / 8101	DEF IN Lower (Early) Paleocene	DEF AT
8130 / 8130	POS IN Upper Cretaceous (Maastrichtian) Micula prinsii (FAD)	DEF AT
8580 / 8580	DEF AT Upper Cretaceous (Campanian) Aspidolithus parvus parvus	DEF AT
9060 / 9059	DEF AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
9360 / 9359	DEF AT Upper Cretaceous (Coniacian) Stoverius achylosus	DEF AT
9720 / 9719	DEF AT Upper Cretaceous (Cenomanian) Axopodorhabdus albianus	DEF AT
9840 / 9839	DEF IN Upper Cretaceous (Cenomanian) Coriolithon kennedyi	DEF AT
15060 / 15059	POS AT Lower Cretaceous (Aptian) Conusphaera mexicana	DEF AT
15240 / 15239	DEF AT Lower Cretaceous (Aptian) Conusphaera rothii	DEF AT
15500 / 15499	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 475	Date of Summary: 22-JUN-2000	First Sample Examined: 0
Lease Number: G21153	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15199
API Well Number: 608164036100	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 31-MAY-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8885 / 8885	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT 0
12600 / 12600	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 0
13290 / 13290	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT 0
13700 / 13700	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 0
14684 / 14684	DEF IN Lower Cretaceous Rodessa Formation	DEF AT 0
15170 / 15170	DEF AT Lower Cretaceous James Formation	DEF AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 565	Date of Summary: 29-JAN-2001	First Sample Examined: 7000
Lease Number: G21154	Source of Paleo: OPERATOR	Borehole MD: 7981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7980
API Well Number: 608164037500	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 7000 - 7830	Water Depth: 224
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF AT 5
7080 / 7080	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
7170 / 7170	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
7230 / 7230	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 5
7260 / 7260	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 6
7350 / 7350	POS AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 6
7410 / 7410	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 6
7530 / 7530	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 6
7559 / 7559	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 6
7560 / 7560	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 6
7620 / 7619	DEF AT local marker foram decrease	DEF AT 5
7740 / 7739	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 6
7830 / 7829	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 565	Date of Summary: 29-JAN-2001	First Sample Examined: 7830
Lease Number: G21154	Source of Paleo: OPERATOR	Borehole MD: 7981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7980
API Well Number: 608164037500	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 7830 - 15845	Water Depth: 224
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7829	DEF AT first sample examined	DEF AT 5
8100 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
8130 /	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 5
8190 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
8340 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
8370 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
8400 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
8490 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
8549 /	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT 5
8550 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 5
8670 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8818 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
8819 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 4
8820 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 4
8910 /	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4
8969 /	DEF AT miliolid limestone	DEF AT 2
8970 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
9120 /	DEF AT gray shale	DEF AT 1
9150 /	POS AT Arenaceous fauna (local marker)	DEF AT 1
10620 /	POS AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 1
10800 /	POS AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 1
10920 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 565	Date of Summary: 29-JAN-2001	First Sample Examined: 7830
Lease Number: G21154	Source of Paleo: OPERATOR	Borehole MD: 7981
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7980
API Well Number: 608164037500	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 7830 - 15845	Water Depth: 224
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11040 /	DEF AT Lower Cretaceous Walnut Formation	DEF AT 1
11760 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
12210 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
12420 /	DEF AT faunal change (no faunal increase)	DEF AT 1
12540 /	DEF AT Lower Cretaceous (Aptian) Ticinella bejaouaensis	DEF AT 2
12630 /	DEF AT faunal change (no faunal increase)	DEF AT 1
13620 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 1
13650 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13890 /	DEF AT faunal change (no faunal increase)	DEF AT 1
13950 /	DEF AT local marker ostracod (see remarks)	DEF AT 2
14010 /	DEF AT faunal change (no faunal increase)	DEF AT 1
14759 /	DEF AT Lower Cretaceous James Formation	DEF AT 1
14760 /	DEF AT Lower Cretaceous (Aptian) Globigerinelloides algerianus	DEF AT 1
15780 /	DEF AT Lower Cretaceous (Aptian) Schackoina cabri	DEF AT 2
15810 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
15845 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 565	Date of Summary: 29-JAN-2001	First Sample Examined: 7830
Lease Number: G21154	Source of Paleo: OPERATOR	Borehole MD: 15845
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15800
API Well Number: 608164037501	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7830 - 15845	Water Depth: 224
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7824	DEF AT first sample examined	DEF AT 5
8100 / 8088	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
8130 / 8117	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 5
8190 / 8176	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
8340 / 8323	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
8370 / 8353	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
8400 / 8382	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
8490 / 8470	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
8549 / 8528	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT 5
8550 / 8529	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 5
8670 / 8645	DEF AT faunal change (no faunal increase)	DEF AT 6
8818 / 8790	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
8819 / 8791	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 4
8820 / 8792	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 4
8910 / 8880	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 4
8969 / 8938	DEF AT miliolid limestone	DEF AT 2
8970 / 8939	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
9120 / 9086	DEF AT gray shale	DEF AT 1
9150 / 9115	POS AT Arenaceous fauna (local marker)	DEF AT 1
10620 / 10577	POS AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 1
10800 / 10756	POS AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 1
10920 / 10876	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 565	Date of Summary: 29-JAN-2001	First Sample Examined: 7830
Lease Number: G21154	Source of Paleo: OPERATOR	Borehole MD: 15845
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15800
API Well Number: 608164037501	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7830 - 15845	Water Depth: 224
Public Info Code: Y 17-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11040 / 10996	DEF AT Lower Cretaceous Walnut Formation	DEF AT 1
11760 / 11716	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
12210 / 12166	DEF AT Arenaceous fauna (local marker)	DEF AT 2
12420 / 12376	DEF AT faunal change (no faunal increase)	DEF AT 1
12540 / 12496	DEF AT Lower Cretaceous (Aptian) Ticinella bejaouaensis	DEF AT 2
12630 / 12586	DEF AT faunal change (no faunal increase)	DEF AT 1
13620 / 13576	POS AT Lower Cretaceous Mooringsport Formation	DEF AT 1
13650 / 13606	DEF AT faunal change (no faunal increase)	DEF AT 2
13890 / 13846	DEF AT faunal change (no faunal increase)	DEF AT 1
13950 / 13906	DEF AT local marker ostracod (see remarks)	DEF AT 2
14010 / 13966	DEF AT faunal change (no faunal increase)	DEF AT 1
14759 / 14714	DEF AT Lower Cretaceous James Formation	DEF AT 1
14760 / 14715	DEF AT Lower Cretaceous (Aptian) Globigerinelloides algerianus	DEF AT 1
15780 / 15735	DEF AT Lower Cretaceous (Aptian) Schackoina cabri	DEF AT 2
15810 / 15765	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
15845 / 15800	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 610	Date of Summary: 07-OCT-2002	First Sample Examined: 5000
Lease Number: G18151	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 608164041200	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 5000 - 8800	Water Depth: 279
Public Info Code: Y 15-MAY-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report done by Morin Biostratigraphic Studies, 7960=in Prinsius bisulcus, 8040=Heliolithus cantabriae, 8160=in Helicosphaera bramlettei, 8190=Upper Paleocene Ellipsolithus bollii, 8280=in Lower Paleocene Neochiastozygus inbrei, 8460=Lower Paleocene Braarudosphaera bigelowi bloom

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT
5001 / 5001	DEF IN Upper Miocene (Messinian) Reticulofenestra rotaria	DEF AT
5040 / 5040	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
5100 / 5100	DEF AT reworked material	DEF AT
5470 / 5470	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
5500 / 5500	POS AT condensed section	DEF AT
5530 / 5530	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
5680 / 5680	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
5830 / 5830	POS AT Middle Miocene (Serravallian) Calcidiscus premacintyreii	DEF AT
5890 / 5890	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
5980 / 5980	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
6280 / 6280	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
6700 / 6700	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT
6800 / 6800	POS AT condensed section	DEF AT
6910 / 6910	DEF IN Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
7030 / 7030	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT
7060 / 7060	DEF AT Upper Oligocene (Chattian) Sphenolithus distentus	DEF AT
7150 / 7150	DEF AT Lower Oligocene (Rupelian) Helicosphaera compacta	DEF AT
7180 / 7180	POS AT condensed section	DEF AT
7210 / 7210	DEF IN Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 610	Date of Summary: 07-OCT-2002	First Sample Examined: 5000
Lease Number: G18151	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 608164041200	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 5000 - 8800	Water Depth: 279
Public Info Code: Y 15-MAY-2003	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
7390 / 7390	DEF IN Middle Eocene (Bartonian) Chiasmolithus solitus	DEF AT
7750 / 7749	DEF IN Middle Eocene (Lutetian) Rhabdosphaera inflata	DEF AT
7800 / 7799	POS AT condensed section	DEF AT
7960 / 7959	DEF IN local marker floral increase	DEF AT
8040 / 8039	DEF AT local marker floral increase	DEF AT
8100 / 8099	POS AT condensed section	DEF AT
8160 / 8159	DEF IN local marker floral increase	DEF AT
8190 / 8189	DEF AT local marker floral increase	DEF AT
8280 / 8278	DEF IN local marker floral increase	DEF AT
8460 / 8458	DEF AT floral flood	DEF AT
8520 / 8517	DEF AT Upper Cretaceous (Maastrichtian) Micula murus (FAD)	DEF AT
8670 / 8667	DEF IN Upper Cretaceous (Maastrichtian) Micula prinsii (FAD)	DEF AT
8700 / 8696	DEF AT local marker floral decrease	DEF AT
8880 / 8875	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 610	Date of Summary: 24-NOV-2002	First Sample Examined: 13590
Lease Number: G18151	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 608164041200	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 13590 - 15700	Water Depth: 279
Public Info Code: Y 15-MAY-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, 14280=Possibly in Upper Albian to in Middle Cenomanian Eiffelithus monechiae and Acaenolithus cenomanicus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13590 /	DEF AT first sample examined	DEF AT
14280 /	POS AT Lower Cretaceous (Albian) Hayesites albiensis	DEF AT
15700 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 610	Date of Summary: 09-DEC-2002	First Sample Examined: 8550
Lease Number: G18151	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15700
API Well Number: 608164041200	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 8550 - 13560	Water Depth: 279
Public Info Code: Y 15-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 8550=Middle to Upper Maastrichtian undifferentiated fauna, 8790=possible Upper Albian Haplophragmoides globosus, 10740=strong development of Lower Fredericksburg Barkerina barkerensis

MD / TVD	Paleo Top Description	Ecozone
8550 / 8547	DEF AT first sample examined	DEF AT 4
8551 / 8548	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 4
8640 / 8637	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 4
8699 / 8695	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 2
8700 / 8696	DEF AT miliolid limestone	DEF AT 2
8790 / 8786	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
10290 / 10284	POS AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 2
10650 / 10644	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
10740 / 10734	POS AT Lower Cretaceous (Albian) Cytheridea goodlandensis (ostracod)	DEF AT 2
11400 / 11394	POS AT Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT 2
13230 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
13560 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 693	Date of Summary: 06-NOV-1990	First Sample Examined: 7370
Lease Number: G07827	Source of Paleo: OPERATOR	Borehole MD: 13395
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10742
API Well Number: 608164015800	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 7370 - 13396	Water Depth: 455
Public Info Code: Y 05-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7370 / 6041	DEF AT first sample examined	DEF IN 5
9470 / 7710	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 5
12170 / 9803	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 5
13370 / 10722	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 5
13396 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 693	Date of Summary: 26-SEP-1990	First Sample Examined: 1640
Lease Number: G07898	Source of Paleo: OPERATOR	Borehole MD: 12056
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12054
API Well Number: 608164015700	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1640 - 12056	Water Depth: 465
Public Info Code: Y 24-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1640 / 1640	DEF AT first sample examined	DEF IN 2
1970 / 1970	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
2180 / 2180	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2359 / 2359	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
2360 / 2360	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2420 / 2420	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 4
2479 / 2479	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
2480 / 2480	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2840 / 2840	DEF AT local marker deep water fauna	DEF AT 4
2900 / 2900	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
3140 / 3140	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
3680 / 3680	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
4310 / 4310	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
4458 / 4458	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
4459 / 4459	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4460 / 4460	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
4490 / 4490	DEF AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 4
5120 / 5120	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
5570 / 5570	DEF AT Eggerella sp. (local marker)	DEF AT 4
5840 / 5840	DEF AT Eggerella 3 (local marker)	DEF AT 4
6230 / 6230	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6260 / 6260	DEF AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 693	Date of Summary: 26-SEP-1990	First Sample Examined: 1640
Lease Number: G07898	Source of Paleo: OPERATOR	Borehole MD: 12056
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12054
API Well Number: 608164015700	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1640 - 12056	Water Depth: 465
Public Info Code: Y 24-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6920 / 6920	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
7070 / 7069	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
7160 / 7159	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
7280 / 7279	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
7760 / 7759	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
7850 / 7849	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
8420 / 8419	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 6
8600 / 8599	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
9320 / 9318	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
9590 / 9588	DEF AT Eggerella 3 (local marker)	DEF AT 6
9830 / 9828	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
9860 / 9858	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
10100 / 10098	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10490 / 10488	DEF AT local marker foram decrease	DEF AT 6
10899 / 10897	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
10900 / 10898	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
12056 / 12054	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 693	Date of Summary: 02-JAN-1990	First Sample Examined: 5020
Lease Number: G07898	Source of Paleo: OPERATOR	Borehole MD: 12225
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11700
API Well Number: 608164016000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5020 - 12255	Water Depth: 455
Public Info Code: Y 25-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 5020	DEF AT first sample examined	DEF IN 5
5170 / 5170	DEF AT - - - - -	DEF AT 6
9640 / 9339	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
10270 / 9899	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
11560 / 11078	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12255 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 693	Date of Summary: 11-JAN-1993	First Sample Examined: 0
Lease Number: G13055	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14343
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11601
API Well Number: 608164016600	Drilling Operator: SOCO OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 465
Public Info Code: Y 06-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4830 / 4268	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8010 / 6622	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9690 / 7857	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11340 / 9073	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12330 / 9852	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
13470 / 10834	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 737	Date of Summary: 25-JUN-1998	First Sample Examined: 10020
Lease Number: G16546	Source of Paleo: OPERATOR	Borehole MD: 12260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12260
API Well Number: 608164032800	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 10020 - 12260	Water Depth: 656
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10020 / 10020	DEF AT first sample examined	DEF AT
10710 / 10710	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
10920 / 10920	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (acme)	DEF AT
12260 / 12260	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 737	Date of Summary: 26-JUN-1998	First Sample Examined: 1800
Lease Number: G16546	Source of Paleo: OPERATOR	Borehole MD: 12260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12260
API Well Number: 608164032800	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 1800 - 12260	Water Depth: 656
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 9710=Gyroidina scalata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	DEF AT 5
2160 / 2160	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
2220 / 2220	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
2490 / 2490	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentis (acme "B")	DEF AT 5
2730 / 2730	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
2880 / 2880	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3120 / 3120	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
3270 / 3270	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3360 / 3360	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4620 / 4620	DEF AT - - - - -	DEF AT 6
4650 / 4650	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
4710 / 4710	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
5010 / 5010	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
5160 / 5160	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
9000 / 9000	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
9390 / 9390	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
9710 / 9710	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
10230 / 10230	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10920 / 10920	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12260 / 12260	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 737	Date of Summary: 26-JUN-1998	First Sample Examined: 12200
Lease Number: G16546	Source of Paleo: OPERATOR	Borehole MD: 13435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12250
API Well Number: 608164032801	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 12200 - 13435	Water Depth: 656
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 12440=rare development of Globorotalia foehsi foehsi observed - this may define the 1280 my maximum flooding surface

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 / 11235	DEF AT first sample examined	DEF AT 6
12439 / 11427	DEF AT maximum flooding surface	DEF AT 6
12440 / 11428	POS AT Middle Miocene (Serravallian) Globorotalia foehsi foehsi	DEF AT 6
13435 / 12251	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 737	Date of Summary: 07-JUL-1998	First Sample Examined: 0
Lease Number: G16546	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12250
API Well Number: 608164032801	Drilling Operator: TOTAL E&P USA INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 656
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT - - - - -	DEF AT 5
4710 / 4710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9390 / 8898	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
10230 / 9593	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10920 / 10165	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
12440 / 11428	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12860 / 11771	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 740	Date of Summary: 01-NOV-2000	First Sample Examined: 4740
Lease Number: G21156	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 002	Paleo Done By: PALEO SOURCE	Borehole TVD: 8926
API Well Number: 608164037100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 4740 - 9250	Water Depth: 770
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4740 / 4644	DEF AT first sample examined	DEF IN 3
4741 / 4645	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
4860 / 4758	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5280 / 5154	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 4
5550 / 5410	POS AT unconformity	DEF IN 4
5670 / 5524	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 4
5760 / 5609	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 4
6030 / 5866	DEF AT unconformity	DEF IN 4
6780 / 6577	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
6810 / 6606	DEF AT limestone	DEF IN 4
8010 / 7742	DEF IN Upper (Late) Miocene	DEF IN 4
8669 / 8370	DEF AT glauconite	DEF IN 4
8670 / 8371	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 4
8939 / 8629	DEF AT limestone	DEF IN 4
8940 / 8630	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
9250 / 8926	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 782	Date of Summary: 21-JUN-1996	First Sample Examined: 5600
Lease Number: G15433	Source of Paleo: OPERATOR	Borehole MD: 11240
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11238
API Well Number: 608164026300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 5600 - 11240	Water Depth: 980
Public Info Code: Y 18-JUN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 9650=Gyroidina scalata

MD / TVD	Paleo Top Description	Ecozone
5600 / 5600	DEF AT first sample examined	DEF AT 6
5601 / 5601	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6650 / 6650	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
6890 / 6890	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
8960 / 8959	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
9020 / 9019	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
9650 / 9649	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
9890 / 9889	DEF AT - - - -	DEF AT 5
9950 / 9949	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10220 / 10219	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11120 / 11118	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11240 / 11238	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 818	Date of Summary: 02-JUN-1995	First Sample Examined: 3000
Lease Number: G13063	Source of Paleo: OPERATOR	Borehole MD: 19469
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19456
API Well Number: 608164020800	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 4	Sample Range: 3000 - 17670	Water Depth: 689
Public Info Code: Y 01-JAN-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT
3001 / 3001	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
4500 / 4500	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
4920 / 4920	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
6540 / 6540	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
8010 / 8009	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
10470 / 10468	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
10800 / 10798	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
11280 / 11278	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11610 / 11608	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
12270 / 12267	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
12810 / 12807	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
13140 / 13137	POS AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
14850 / 14846	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
16440 / 16430	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
17070 / 17059	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
17280 / 17269	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
17281 / 17270	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
17550 / 17539	POS AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
17640 / 17628	POS AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT
17670 / 17658	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 818	Date of Summary: 02-JUN-1995	First Sample Examined: 17400
Lease Number: G13063	Source of Paleo: OPERATOR	Borehole MD: 19469
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19456
API Well Number: 608164020800	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 4	Sample Range: 17400 - 19469	Water Depth: 689
Public Info Code: Y 01-JAN-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for bypass 1, earliest Cenomanian based on absence of *Braarudosphaera africana*, not observed possibly due to poor slide quality in the Lower part of this interval

MD / TVD	Paleo Top Description	Ecozone
17400 / 17389	DEF AT first sample examined	DEF AT
17401 / 17390	POS AT Lower Oligocene (Rupelian) <i>Sphenolithus predistentus</i>	DEF AT
17402 / 17391	DEF AT Upper Oligocene (Chattian) <i>Dictyococcites bisectus</i>	DEF AT
17403 / 17392	DEF AT Upper Oligocene (Chattian) <i>Sphenolithus ciperoensis</i> (very rare)	DEF AT
17670 / 17658	POS AT Upper Eocene (Priabonian) <i>Discoaster barbadiensis</i>	DEF AT
18420 / 18407	DEF AT Upper Cretaceous (Maastrichtian) <i>Micula murus</i> (FAD)	DEF AT
18810 / 18797	POS IN Upper Cretaceous (Campanian) <i>Reinhardites anthophorus</i> "B"	DEF AT
18960 / 18947	DEF AT Upper Cretaceous (Turonian) <i>Parhabdolithus asper</i>	DEF AT
19469 / 19455	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 818	Date of Summary: 02-JUN-1995	First Sample Examined: 3000
Lease Number: G13063	Source of Paleo: OPERATOR	Borehole MD: 19469
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19456
API Well Number: 608164020800	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 3 of 4	Sample Range: 3000 - 17670	Water Depth: 689
Public Info Code: Y 01-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT 3
3060 / 3060	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3270 / 3270	DEF AT - - - - -	DEF AT 4
3840 / 3840	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
3990 / 3990	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4260 / 4260	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
8010 / 8009	DEF AT - - - - -	DEF AT 5
8100 / 8099	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
10470 / 10468	DEF AT - - - - -	POS AT 6
11190 / 11188	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
12150 / 12147	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
12720 / 12717	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
12750 / 12747	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
13110 / 13107	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
14790 / 14786	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 6
16590 / 16580	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6
17130 / 17119	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
17460 / 17449	DEF AT - - - - -	DEF AT 5
17610 / 17598	DEF AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 5
17640 / 17628	POS AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 5
17670 / 17658	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 818	Date of Summary: 02-JUN-1995	First Sample Examined: 17400
Lease Number: G13063	Source of Paleo: OPERATOR	Borehole MD: 19469
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 19456
API Well Number: 608164020800	Drilling Operator: TATHAM OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 4 of 4	Sample Range: 17400 - 19469	Water Depth: 689
Public Info Code: Y 01-JAN-2000	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Bypass 1 report, 17970=Globorotalia pseudotopilensis

MD / TVD	Paleo Top Description	Ecozone
17400 / 17389	DEF AT first sample examined	DEF AT 5
17401 / 17390	POS AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 5
17880 / 17868	POS AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 5
17970 / 17958	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 5
18209 / 18197	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
18210 / 18198	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT 5
18390 / 18377	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
18510 / 18497	POS AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 4
18690 / 18677	POS AT Upper Cretaceous (Santonian) Dicarinea concavata	DEF AT 4
18780 / 18767	POS AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 3
19290 / 19276	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 3
19350 / 19336	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 3
19469 / 19455	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 823	Date of Summary: 01-JUN-1996	First Sample Examined: 3100
Lease Number: G10942	Source of Paleo: OPERATOR	Borehole MD: 14848
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14490
API Well Number: 608164018000	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3100 - 14133	Water Depth: 1209
Public Info Code: Y 31-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT first sample examined	DEF AT 5
3400 / 3400	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 5
4750 / 4750	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 5
5800 / 5800	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6181 / 6181	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
6490 / 6490	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
8740 / 8738	POS AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT 5
9100 / 9095	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10570 / 10514	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
10980 / 10911	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 5
11410 / 11329	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
12220 / 12109	DEF AT Upper Miocene (Tortonian) Discoaster kugleri	DEF AT 5
12460 / 12335	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12670 / 12530	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
14020 / 13751	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
14133 / 13851	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 823	Date of Summary: 01-JUN-1996	First Sample Examined: 12301
Lease Number: G10942	Source of Paleo: OPERATOR	Borehole MD: 14848
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14490
API Well Number: 608164018000	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 12301 - 14800	Water Depth: 1209
Public Info Code: Y 31-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12301 / 12186	DEF AT first sample examined	DEF AT 5
12302 / 12187	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
12670 / 12530	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
14800 / 14440	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 825	Date of Summary: 03-APR-1991	First Sample Examined: 3240
Lease Number: G05778	Source of Paleo: OPERATOR	Borehole MD: 10003
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8936
API Well Number: 608164016200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 3240 - 10003	Water Depth: 1712
Public Info Code: Y 22-APR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3240 / 3240	DEF AT first sample examined	DEF IN 5
3420 / 3420	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 5
3510 / 3510	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
3810 / 3810	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
4680 / 4678	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
5360 / 5305	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5390 / 5331	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6440 / 6163	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6680 / 6346	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
7160 / 6718	POS AT anhydrite	DEF AT 6
8510 / 7770	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
9590 / 8613	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
9770 / 8754	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
9890 / 8848	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 6
9950 / 8895	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 6
9980 / 8919	POS AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 6
10003 / 8937	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 825	Date of Summary: 03-APR-1991	First Sample Examined: 3240
Lease Number: G05778	Source of Paleo: OPERATOR	Borehole MD: 10003
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8936
API Well Number: 608164016200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 3240 - 10003	Water Depth: 1712
Public Info Code: Y 22-APR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3240 / 3240	DEF AT first sample examined	DEF AT
3241 / 3241	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
3420 / 3420	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
3600 / 3600	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
3690 / 3690	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
4050 / 4050	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4290 / 4290	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4470 / 4470	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5390 / 5331	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6950 / 6555	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
7220 / 6764	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7580 / 7044	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
7670 / 7115	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9710 / 8707	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
9800 / 8777	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT
9890 / 8848	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
9979 / 8918	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
9980 / 8919	DEF AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT
10003 / 8937	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 14-MAR-1990	First Sample Examined: 2950
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 6833
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6330
API Well Number: 608164014600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2950 - 6833	Water Depth: 1726
Public Info Code: Y 26-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2950 / 2950	DEF AT first sample examined	DEF IN 3
3220 / 3220	DEF AT - - - - -	DEF AT 4
3250 / 3250	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
3400 / 3400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3790 / 3790	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4210 / 4209	DEF AT - - - - -	DEF IN 5
4239 / 4238	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
4240 / 4239	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
4270 / 4269	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
5200 / 5112	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
5410 / 5276	DEF AT - - - - -	DEF AT 6
5470 / 5322	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6010 / 5716	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6370 / 5983	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
6833 / 6331	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 14-MAR-1990	First Sample Examined: 2950
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 6833
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6330
API Well Number: 608164014600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2950 - 6833	Water Depth: 1726
Public Info Code: Y 26-FEB-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2950 / 2950	DEF AT first sample examined	DEF AT
2951 / 2951	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
3220 / 3220	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
3310 / 3310	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3400 / 3400	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
3580 / 3580	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
3850 / 3850	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
4000 / 4000	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
4270 / 4269	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4450 / 4445	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4720 / 4700	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5260 / 5159	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
5350 / 5230	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
5830 / 5583	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
6010 / 5716	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6833 / 6331	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 14-MAR-1990	First Sample Examined: 3990
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11131
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10800
API Well Number: 608164014601	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3990 - 11130	Water Depth: 1726
Public Info Code: Y 27-MAR-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, occurrences of coccolith markers from 3990 to 5310 probably indicate penetration of salt or salt-related sheath material, nannofossils from 10200 display heavy dissolution, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3990 / 3990	DEF AT first sample examined	DEF AT
5130 / 5125	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
5220 / 5212	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
5580 / 5552	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
5670 / 5636	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
5760 / 5721	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
5850 / 5805	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7320 / 7201	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
7680 / 7540	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
8490 / 8307	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
10110 / 9843	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT
10200 / 9928	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
10290 / 10013	DEF AT Upper Eocene (Priabonian) Discoaster saipanensis	DEF AT
10380 / 10098	POS AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
10500 / 10211	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
10590 / 10297	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT
10770 / 10466	DEF AT Upper Cretaceous (Campanian) Lithastrinus grillii	DEF AT
11040 / 10719	DEF AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
11100 / 10776	POS AT Upper Cretaceous (Cenomanian) Microstaurus chiastius	DEF AT
11130 / 10804	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 14-MAR-1990	First Sample Examined: 3990
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11131
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10800
API Well Number: 608164014601	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3990 - 11130	Water Depth: 1726
Public Info Code: Y 27-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3990	DEF AT first sample examined	DEF AT 5
3991 / 3991	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4200 / 4200	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4230 / 4230	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4470 / 4470	DEF AT anhydrite	POS AT 5
4860 / 4860	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
5130 / 5125	DEF AT - - - - -	DEF AT 6
5160 / 5154	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5520 / 5496	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
5670 / 5636	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6000 / 5945	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
7650 / 7512	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
8040 / 7879	DEF AT - - - - -	DEF AT 4
8490 / 8307	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9690 / 9445	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9810 / 9559	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9870 / 9616	DEF AT - - - - -	DEF AT 6
9900 / 9644	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
10140 / 9871	DEF AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 6
10170 / 9900	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 5
10230 / 9956	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 5
10260 / 9984	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 14-MAR-1990	First Sample Examined: 3990
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11131
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10800
API Well Number: 608164014601	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3990 - 11130	Water Depth: 1726
Public Info Code: Y 27-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
10470 / 10183	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
10560 / 10268	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 5
10620 / 10325	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 4
10680 / 10382	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 4
10860 / 10551	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 4
10919 / 10606	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 4
10920 / 10607	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 4
10950 / 10635	DEF AT Upper Cretaceous (Cenomanian) Textularia rioensis	DEF AT 4
11100 / 10776	DEF AT anhydrite	DEF AT 4
11130 / 10804	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 15-FEB-1991	First Sample Examined: 3260
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11845
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11369
API Well Number: 608164015900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3260 - 11840	Water Depth: 2028
Public Info Code: Y 21-JAN-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
3260 / 3260	DEF AT first sample examined	DEF AT
3529 / 3529	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
3530 / 3530	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
3710 / 3710	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
3890 / 3890	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
4160 / 4160	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
4250 / 4250	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
4700 / 4700	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6230 / 6230	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
6770 / 6769	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
7130 / 7129	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7310 / 7309	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
7760 / 7759	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9860 / 9777	POS AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
11390 / 10979	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
11840 / 11364	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 19-FEB-1991	First Sample Examined: 3260
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11845
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11369
API Well Number: 608164015900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3260 - 11840	Water Depth: 2028
Public Info Code: Y 21-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 3260	DEF AT first sample examined	DEF IN 5
3560 / 3560	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
3620 / 3620	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
3710 / 3710	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 5
3950 / 3950	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
4400 / 4400	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
5450 / 5450	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
6950 / 6949	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
8960 / 8953	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11480 / 11054	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
11840 / 11364	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 15-FEB-1991	First Sample Examined: 8340
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11870
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11631
API Well Number: 608164015901	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8340 - 11850	Water Depth: 2028
Public Info Code: Y 07-FEB-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 / 8338	DEF AT first sample examined	DEF AT
8341 / 8339	DEF IN Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9660 / 9585	DEF AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
11790 / 11556	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
11850 / 11613	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 19-FEB-1991	First Sample Examined: 8280
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 11870
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11631
API Well Number: 608164015901	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8280 - 11850	Water Depth: 2028
Public Info Code: Y 07-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8280 / 8278	DEF AT first sample examined	DEF AT 6
9690 / 9613	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11850 / 11613	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 15-FEB-1991	First Sample Examined: 4300
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 608164015902	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4300 - 10265	Water Depth: 2028
Public Info Code: Y 11-MAR-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4300 / 4300	DEF AT first sample examined	DEF AT
4301 / 4301	DEF IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
4660 / 4658	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6190 / 6056	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
6550 / 6358	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
6730 / 6508	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
6820 / 6583	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
7270 / 6957	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
9340 / 8709	POS AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
10060 / 9331	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
10150 / 9408	DEF AT Upper Eocene (Priabonian) Discoaster barbadiensis	DEF AT
10240 / 9486	DEF AT Middle Eocene (Bartonian) Chiasmolithus grandis	DEF AT
10265 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 19-FEB-1991	First Sample Examined: 4300
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 608164015902	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4300 - 10260	Water Depth: 2028
Public Info Code: Y 11-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 4300	DEF AT first sample examined	DEF AT 6
4390 / 4390	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6850 / 6607	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
7420 / 7081	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
8440 / 7943	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
10000 / 9279	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
10090 / 9357	DEF AT Upper Oligocene (Chattian) Globigerina sellii	DEF AT 6
10120 / 9382	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 6
10180 / 9434	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 6
10260 / 9504	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 02-JUL-1991	First Sample Examined: 4760
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 14578
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13268
API Well Number: 608164016300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 3	Sample Range: 4760 - 14540	Water Depth: 1645
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report, 10340=Gyroidina scalata

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4760 / 4760	DEF AT first sample examined	POS IN 5
4761 / 4761	DEF IN cement	POS IN 5
4790 / 4790	DEF AT - - - -	DEF IN 5
4850 / 4850	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
5720 / 5701	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6080 / 6031	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
10070 / 9453	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
10160 / 9531	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
10340 / 9686	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
11060 / 10310	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
12710 / 11701	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14540 / 13234	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 02-JUL-1991	First Sample Examined: 3050
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 14578
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13268
API Well Number: 608164016300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 3	Sample Range: 3050 - 6710	Water Depth: 1645
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bypass report, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF IN 4
3140 / 3140	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3170 / 3170	DEF AT - - - - -	DEF AT 5
3380 / 3380	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3410 / 3410	DEF AT - - - - -	DEF IN 5
3920 / 3920	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
4430 / 4430	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
5660 / 5644	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
5690 / 5673	DEF AT - - - - -	DEF AT 6
5930 / 5896	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6710 / 6578	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 30-JUL-1991	First Sample Examined: 3050
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 14578
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13268
API Well Number: 608164016300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 3 of 3	Sample Range: 3050 - 6710	Water Depth: 1645
Public Info Code: Y 26-JUL-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for bypass, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF AT
3140 / 3140	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3410 / 3410	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
3590 / 3590	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
4040 / 4040	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
4130 / 4130	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
4310 / 4310	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4790 / 4790	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4970 / 4970	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5690 / 5673	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
5780 / 5757	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
6140 / 6084	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
6560 / 6449	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6710 / 6578	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 16-MAR-1994	First Sample Examined: 3450
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 12928
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12882
API Well Number: 608164019400	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 3450 - 12928	Water Depth: 1932
Public Info Code: Y 12-APR-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3450	DEF AT first sample examined	DEF AT
3451 / 3451	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
3510 / 3510	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
3600 / 3600	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
3900 / 3900	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4020 / 4020	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4500 / 4500	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
4620 / 4620	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
4890 / 4890	POS AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
5070 / 5070	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
5160 / 5160	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
5460 / 5460	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6180 / 6180	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
7890 / 7890	POS AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
8520 / 8520	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
9060 / 9059	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
9600 / 9598	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
12030 / 11999	POS AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
12480 / 12438	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
12870 / 12824	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
12928 / 12882	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 21-MAR-1994	First Sample Examined: 3450
Lease Number: G06888	Source of Paleo: OPERATOR	Borehole MD: 12928
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12882
API Well Number: 608164019400	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 3450 - 12928	Water Depth: 1932
Public Info Code: Y 12-APR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 9150=Gyroidina scalata, foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3450	DEF AT first sample examined	DEF IN 5
3510 / 3510	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
3870 / 3870	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
3900 / 3900	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
4620 / 4620	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
4710 / 4710	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
4800 / 4800	DEF AT - - - -	DEF AT 6
5100 / 5100	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
5250 / 5250	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
6240 / 6240	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
8790 / 8789	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
9150 / 9149	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
9420 / 9419	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10920 / 10913	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12180 / 12145	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
12420 / 12379	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
12870 / 12824	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
12928 / 12882	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 826	Date of Summary: 24-FEB-1995	First Sample Examined: 0
Lease Number: G06888	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8250
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6852
API Well Number: 608164020500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1920
Public Info Code: Y 14-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5126 / 4699	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5810 / 5177	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
6511 / 5669	DEF AT Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT
6792 / 5866	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7624 / 6435	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 827	Date of Summary: 16-DEC-1998	First Sample Examined: 0
Lease Number: G07910	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 608164033300	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2525
Public Info Code: Y 30-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11505 / 11505	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
12580 / 12580	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 864	Date of Summary: 26-MAY-1997	First Sample Examined: 2810
Lease Number: G15437	Source of Paleo: OPERATOR	Borehole MD: 8961
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8957
API Well Number: 608164027200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 2810 - 8860	Water Depth: 1457
Public Info Code: Y 30-JUN-2003	Ecozone Eq MMS: N	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2810 / 2810	DEF AT first sample examined	DEF AT
3170 / 3170	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
3410 / 3410	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
3710 / 3710	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
3830 / 3830	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
4670 / 4670	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5390 / 5390	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5510 / 5510	DEF AT Lower Pliocene (Zanclian) Pseudosphenolithus abies "B" (acme)	DEF AT
5990 / 5990	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
6410 / 6410	DEF AT Lower Pliocene (Zanclian) Amaurolithus tricorniculatus	DEF AT
6530 / 6530	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
7310 / 7310	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
7790 / 7790	DEF AT Upper Miocene (Messinian) Discoaster decorus	DEF AT
8560 / 8559	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
8859 / 8856	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8860 / 8857	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 864	Date of Summary: 03-JUL-1997	First Sample Examined: 2810
Lease Number: G15437	Source of Paleo: OPERATOR	Borehole MD: 8961
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8957
API Well Number: 608164027200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2810 - 8900	Water Depth: 1457
Public Info Code: Y 30-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2810 / 2810	DEF AT first sample examined	DEF AT
2811 / 2811	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3140 / 3140	DEF AT local marker planktic foram increase	DEF AT 4
3230 / 3230	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
3320 / 3320	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
3410 / 3410	DEF AT foram flood	DEF IN 4
3527 / 3527	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
3528 / 3528	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF IN 4
3529 / 3529	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
3530 / 3530	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 4
3589 / 3589	DEF AT foram flood	DEF IN 4
3590 / 3590	DEF IN Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF IN 4
3620 / 3620	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 4
3649 / 3649	DEF AT foram flood	DEF IN 4
3650 / 3650	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 4
3830 / 3830	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
3859 / 3859	DEF AT foram flood	DEF IN 4
3860 / 3860	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
4040 / 4040	DEF AT local marker benthic foram increase	DEF AT 4
4370 / 4370	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
5210 / 5210	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
5390 / 5390	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 864	Date of Summary: 03-JUL-1997	First Sample Examined: 2810
Lease Number: G15437	Source of Paleo: OPERATOR	Borehole MD: 8961
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8957
API Well Number: 608164027200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2810 - 8900	Water Depth: 1457
Public Info Code: Y 30-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5720 / 5720	DEF AT local marker foram increase	DEF IN 3
5929 / 5929	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF IN 4
5930 / 5930	DEF AT Lower Pliocene (Zanclian) <i>Globigerina druryi</i> / nepenthes "B"	DEF IN 4
5990 / 5990	DEF AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF IN 4
6140 / 6140	DEF AT Lower Pliocene (Zanclian) <i>Siphotextularia jugosa</i> / "J"	DEF IN 4
6320 / 6320	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
6440 / 6440	POS IN Lower Pliocene (Zanclian) <i>Sigmoilina "P"</i> / cf. <i>schlumbergeri</i>	DEF IN 4
6500 / 6500	POS AT Upper Miocene (Messinian) <i>Globorotalia margaritae primitiva</i>	DEF IN 4
6680 / 6680	DEF AT shell fragments	DEF IN 4
6740 / 6740	DEF AT Lower Pliocene (Zanclian) <i>Globigerinoides mitra</i>	DEF IN 4
7010 / 7010	DEF AT faunal change (no faunal increase)	DEF IN 3
7310 / 7310	DEF AT Upper Miocene (Messinian) <i>Globorotalia menardii</i> (coiling change right/left)	DEF AT 4
7370 / 7370	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7610 / 7610	DEF AT Upper Miocene (Messinian) <i>Globorotalia juanai</i>	DEF AT 4
8030 / 8030	POS AT Upper Miocene (Messinian) <i>Textularia tatumi</i>	DEF AT 4
8180 / 8179	DEF AT Upper Miocene (Messinian) <i>Textularia tatumi</i>	DEF AT 4
8270 / 8269	DEF AT local marker planktic foram increase	DEF AT 4
8420 / 8419	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8539 / 8538	DEF AT foram flood	DEF AT 4
8540 / 8539	DEF AT Upper Miocene (Tortonian) <i>Bigenerina irregularis</i> / 6	DEF AT 4
8600 / 8599	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
8780 / 8778	DEF AT local marker benthic foram increase	DEF AT 4
8810 / 8808	DEF AT local marker benthic foram increase	DEF AT 4
8870 / 8867	DEF AT Upper Miocene (Tortonian) <i>Robulus "E"</i>	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 864	Date of Summary: 03-JUL-1997	First Sample Examined: 2810
Lease Number: G15437	Source of Paleo: OPERATOR	Borehole MD: 8961
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8957
API Well Number: 608164027200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 2810 - 8900	Water Depth: 1457
Public Info Code: Y 30-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 8897	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 871	Date of Summary: 03-AUG-1994	First Sample Examined: 6700
Lease Number: G08469	Source of Paleo: OPERATOR	Borehole MD: 13746
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12851
API Well Number: 608164019900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 6700 - 12798	Water Depth: 2920
Public Info Code: Y 15-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6700 / 6700	DEF AT first sample examined	DEF AT
6850 / 6850	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6940 / 6940	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
7330 / 7330	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9190 / 9189	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
9650 / 9636	DEF AT Upper Miocene (Tortonian) Bolivina thalmanni	DEF AT
10230 / 10158	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
10738 / 10556	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
11970 / 11497	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
12729 / 12070	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
12775 / 12105	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
12798 / 12122	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 915	Date of Summary: 06-JUL-1993	First Sample Examined: 0
Lease Number: G06894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12570
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12570
API Well Number: 608164018100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 3236
Public Info Code: Y 06-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10540 / 10539	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
11350 / 11349	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
11770 / 11769	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11980 / 11979	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
12070 / 12069	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
12160 / 12159	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
12190 / 12189	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
12340 / 12339	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT
12490 / 12489	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 915	Date of Summary: 02-AUG-1993	First Sample Examined: 12280
Lease Number: G06894	Source of Paleo: OPERATOR	Borehole MD: 14738
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13412
API Well Number: 608164018101	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 12280 - 14738	Water Depth: 3236
Public Info Code: Y 06-AUG-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: 14230=Lower Eocene (Ypresian) Acarinina pseudotopilensis, 14350=Lower Eocene (Ypresian) Morozovella marginodentata, 14410=Upper Paleocene (Thanetian) Morozovella occlusa, 14650=Lower Paleocene (Danian) Eoglobigerina fringa

MD / TVD	Paleo Top Description	Ecozone
12280 / 11541	DEF AT first sample examined	DEF AT
12940 / 12028	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12970 / 12050	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
13570 / 12507	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
13690 / 12599	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
13750 / 12645	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
13780 / 12668	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
13930 / 12784	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT
13990 / 12831	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT
14020 / 12854	DEF AT Upper Eocene (Priabonian) Globigerinathea semiinvoluta	DEF AT
14110 / 12924	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT
14230 / 13018	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT
14260 / 13042	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
14350 / 13111	DEF IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
14380 / 13135	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT
14410 / 13158	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
14530 / 13251	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
14590 / 13297	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT
14650 / 13344	DEF IN Lower Paleocene (Danian) Globoconusa daubjergensis	DEF AT
14680 / 13367	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
14738 / 13412	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 916	Date of Summary: 01-JAN-2002	First Sample Examined: 8500
Lease Number: G21733	Source of Paleo: OPERATOR	Borehole MD: 14101
Well Name: 001	Paleo Done By: NANNO-CHRON INTERNATIONAL (W H ABBOTT)	Borehole TVD: 14058
API Well Number: 608164037600	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8500 - 14110	Water Depth: 3690
Public Info Code: Y 22-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, 14050=possible Discoaster falcatus

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8475	DEF AT first sample examined	DEF AT
8530 / 8505	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8560 / 8534	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
8590 / 8564	DEF AT Upper Miocene (Tortonian) Discoaster berggrenii "C"	DEF AT
8620 / 8594	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
8800 / 8772	DEF AT local marker floral increase	DEF AT
8890 / 8860	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
9100 / 9067	DEF AT local marker floral increase	DEF AT
9310 / 9274	DEF AT Upper Miocene (Tortonian) Discoaster bellus	DEF AT
9400 / 9362	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
9550 / 9510	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
9580 / 9540	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
9610 / 9569	POS AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
9670 / 9628	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
9700 / 9658	DEF AT Upper Miocene (Tortonian) Discoaster hamatus (large)	DEF AT
10270 / 10224	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
10540 / 10494	DEF AT local marker floral increase	DEF AT
10720 / 10674	POS AT Middle Miocene (Langhian) Discoaster deflandrei (increase)	DEF AT
11320 / 11274	DEF AT local marker floral increase	DEF AT
11470 / 11424	POS IN Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
11650 / 11604	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
12010 / 11964	DEF AT local marker floral increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VK 916	Date of Summary: 01-JAN-2002	First Sample Examined: 8500
Lease Number: G21733	Source of Paleo: OPERATOR	Borehole MD: 14101
Well Name: 001	Paleo Done By: NANNO-CHRON INTERNATIONAL (W H ABBOTT)	Borehole TVD: 14058
API Well Number: 608164037600	Drilling Operator: SHELL DEEPWATER DEVELOPMENT INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8500 - 14110	Water Depth: 3690
Public Info Code: Y 22-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12040 / 11994	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
12310 / 12264	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
12520 / 12474	DEF AT local marker floral increase	DEF AT
12850 / 12804	DEF AT local marker floral increase	DEF AT
13420 / 13374	DEF AT local marker floral increase	DEF AT
13510 / 13464	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
13570 / 13524	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
13870 / 13824	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
13930 / 13884	DEF AT Lower Miocene (Aquitanian) Sphenolithus dissimilis	DEF AT
13960 / 13914	POS AT Upper Paleocene (Thanetian) Toweius eminens	DEF AT
14020 / 13974	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
14050 / 14004	DEF IN Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
14110 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 37	Date of Summary: 16-JUL-1996	First Sample Examined: 8000
Lease Number: G15162	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15498
API Well Number: 177054101800	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8000 - 15500	Water Depth: 30
Public Info Code: Y 26-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 3
8690 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9350 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9860 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9980 /	DEF AT - - - - -	DEF AT 4
10040 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10220 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10520 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10700 /	DEF AT - - - - -	DEF AT 3
12420 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
13200 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
14820 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
15500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 47	Date of Summary: 14-MAR-2000	First Sample Examined: 3000
Lease Number: G15163	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17100
API Well Number: 177054110400	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 121
Paleo Report Num: 1 of 2	Sample Range: 3000 - 17100	Water Depth: 30
Public Info Code: Y 11-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT 1
6120 / 6120	DEF AT - - - - -	DEF AT 2
6360 / 6360	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7800 / 7800	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8430 / 8430	DEF AT - - - - -	POS AT 3
8670 / 8670	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9390 / 9390	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9660 / 9660	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
9870 / 9869	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9871 / 9870	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9900 / 9899	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10080 / 10079	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
10680 / 10679	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
13820 / 13816	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
16040 / 16029	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
17100 / 17082	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 47	Date of Summary: 14-MAR-2000	First Sample Examined: 3000
Lease Number: G15163	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17100
API Well Number: 177054110400	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 121
Paleo Report Num: 2 of 2	Sample Range: 3000 - 17100	Water Depth: 30
Public Info Code: Y 11-MAR-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT
3600 / 3600	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5730 / 5730	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
6150 / 6150	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
7380 / 7380	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
7740 / 7740	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
8730 / 8730	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
9630 / 9630	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
9870 / 9869	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
10320 / 10319	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11220 / 11219	DEF AT Middle Miocene (Serravallian) Discoaster petaliformis	DEF AT
11250 / 11249	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
13220 / 13216	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
17100 / 17082	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 55	Date of Summary: 08-DEC-1998	First Sample Examined: 0
Lease Number: G15165	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 177054108900	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6420	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9000 / 9000	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 63	Date of Summary: 29-SEP-2000	First Sample Examined: 0
Lease Number: G15167	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10237
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177054112200	Drilling Operator: ATP OIL & GAS CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 22-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7921 / 7578	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9718 / 8908	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 64	Date of Summary: 16-JAN-1996	First Sample Examined: 0
Lease Number: G15168	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9196
API Well Number: 177054100900	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 31-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 8137	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8735 / 8731	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 68	Date of Summary: 30-APR-1992	First Sample Examined: 5000
Lease Number: G08662	Source of Paleo: OPERATOR	Borehole MD: 12484
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12483
API Well Number: 177054090200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12460	Water Depth: 23
Public Info Code: Y 27-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 2
6500 / 6500	DEF AT - - - - -	DEF AT 3
6860 / 6860	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7670 / 7670	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8060 / 8060	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8270 / 8270	DEF AT - - - - -	DEF AT 3
8720 / 8720	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8721 / 8721	POS AT condensed section	DEF AT 4
9020 / 9020	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9680 / 9680	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11020 / 11020	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11080 / 11080	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11260 / 11260	DEF AT - - - - -	DEF AT 4
12430 / 12429	DEF AT local marker foram increase	DEF AT 5
12460 / 12459	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 75	Date of Summary: 29-OCT-1996	First Sample Examined: 0
Lease Number: G12863	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11115
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177054102200	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 12-JAN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9760 / 9741	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10500 / 10429	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 99	Date of Summary: 16-JAN-2002	First Sample Examined: 7500
Lease Number: G17891	Source of Paleo: OPERATOR	Borehole MD: 10602
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10601
API Well Number: 177054114400	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 7500 - 10602	Water Depth: 58
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7499	DEF AT first sample examined	DEF AT 3
7501 / 7500	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7680 / 7679	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8640 / 8639	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9480 / 9479	DEF AT faunal change (no faunal increase)	POS AT 4
9900 / 9899	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10140 / 10139	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10602 / 10601	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 99	Date of Summary: 16-JAN-2002	First Sample Examined: 10602
Lease Number: G17891	Source of Paleo: OPERATOR	Borehole MD: 20500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20500
API Well Number: 177054114401	Drilling Operator: NEXEN PETROLEUM USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 10602 - 20500	Water Depth: 58
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10602 / 10601	DEF AT first sample examined	DEF AT 4
10603 / 10602	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11190 / 11189	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11850 / 11848	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12240 / 12238	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12390 / 12388	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12870 / 12868	DEF AT faunal change (no faunal increase)	DEF AT 5
13140 / 13138	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
13320 / 13318	DEF AT faunal change (no faunal increase)	DEF AT 4
15900 / 15897	DEF AT faunal change (no faunal increase)	DEF AT 5
16080 / 16077	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
16230 / 16227	DEF AT faunal change (no faunal increase)	DEF AT 6
16590 / 16587	DEF AT faunal change (no faunal increase)	DEF AT 5
16900 / 16896	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
20500 / 20488	DEF AT last sample examined	DEF AT 5

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Area Block: VR 100	Date of Summary: 09-FEB-1996	First Sample Examined: 0
Lease Number: G15174	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177054100500	Drilling Operator: ENERGY DEVELOPMENT CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 7170	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Area Block: VR 101	Date of Summary: 13-OCT-1999	First Sample Examined: 0
Lease Number: G21088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11127
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8932
API Well Number: 177054110500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10665 / 8594	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Area Block: VR 124	Date of Summary: 16-APR-1997	First Sample Examined: 8497
Lease Number: 00495	Source of Paleo: OPERATOR	Borehole MD: 8410
Well Name: E005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8072
API Well Number: 177052000202	Drilling Operator: BURLINGTON RESOURCES OFFSHORE INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 6497 - 8410	Water Depth: 72
Public Info Code: Y 28-AUG-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6497 / 6298	DEF AT first sample examined	DEF AT 2
6610 / 6411	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6730 / 6531	DEF AT - - - -	POS AT 3
7780 / 7501	POS AT Upper Miocene (Tortonian) Robulus "E"	POS AT 3
8410 / 8072	DEF AT last sample examined	POS AT 3

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Start Date: 01-JAN-2000

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Area Block: VR 130	Date of Summary: 26-FEB-1998	First Sample Examined: 10830
Lease Number: G16296	Source of Paleo: OPERATOR	Borehole MD: 14134
Well Name: 001	Paleo Done By: THOMAS REILLY	Borehole TVD: 13576
API Well Number: 177054106501	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 10830 - 14130	Water Depth: 60
Public Info Code: Y 22-FEB-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10830 / 10811	DEF AT first sample examined	DEF AT 1
10831 / 10812	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
11700 / 11657	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12300 / 12190	DEF AT - - - - -	DEF AT 2
12480 / 12344	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
12720 / 12544	DEF AT - - - - -	DEF AT 1
13230 / 12940	DEF AT - - - - -	DEF AT 3
13300 / 12992	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13890 / 13414	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
14130 / 13573	DEF AT last sample examined	DEF AT 3

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Area Block: VR 144	Date of Summary: 02-NOV-2000	First Sample Examined: 4050
Lease Number: G03125	Source of Paleo: OPERATOR	Borehole MD: 17250
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17250
API Well Number: 177054111300	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4050 - 17250	Water Depth: 87
Public Info Code: Y 08-MAY-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	POS AT 2
6000 / 6000	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6090 / 6090	DEF AT local marker foram decrease	DEF AT 2
7110 / 7109	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7530 / 7529	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9990 / 9989	DEF AT Eggerella sp. (local marker)	DEF AT 3
10050 / 10049	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10770 / 10768	DEF AT Eggerella sp. (local marker)	DEF AT 3
11010 / 11008	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11400 / 11398	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11490 / 11488	DEF AT Eggerella sp. (local marker)	DEF AT 3
11790 / 11788	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12390 / 12387	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12570 / 12567	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12900 / 12897	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
15960 / 15956	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
15990 / 15986	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
16800 / 16796	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
17130 / 17126	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
17250 / 17246	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 160	Date of Summary: 06-NOV-1992	First Sample Examined: 0
Lease Number: G08668	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15615
Well Name: AJ002	Paleo Done By: OPERATOR	Borehole TVD: 15233
API Well Number: 177054090400	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 06-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11273 / 11151	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14205 / 13905	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 160	Date of Summary: 19-APR-1995	First Sample Examined: 0
Lease Number: G08668	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17025
Well Name: AJ002	Paleo Done By: OPERATOR	Borehole TVD: 16725
API Well Number: 177054090401	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 16-DEC-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14259 / 13967	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
16196 / 15899	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT

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Area Block: VR 160	Date of Summary: 06-APR-1995	First Sample Examined: 0
Lease Number: G10661	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16828
Well Name: AJ001	Paleo Done By: OPERATOR	Borehole TVD: 16639
API Well Number: 177054090300	Drilling Operator: FREEPORT MCMORAN INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 28-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12028 / 12026	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
13600 / 13598	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
15760 / 15629	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT

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End Date: 31-DEC-2004

Area Block: VR 161	Date of Summary: 28-OCT-1994	First Sample Examined: 0
Lease Number: G01127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16948
Well Name: BJ001	Paleo Done By: OPERATOR	Borehole TVD: 16046
API Well Number: 177054086000	Drilling Operator: FREEPORT MCMORAN INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 13-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 8909	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10030 / 10029	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10690 / 10687	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
12220 / 12196	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14710 / 14549	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
16270 / 15939	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 161	Date of Summary: 21-JUL-1999	First Sample Examined: 0
Lease Number: G01127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16600
Well Name: BJ002	Paleo Done By: OPERATOR	Borehole TVD: 15160
API Well Number: 177054087200	Drilling Operator: FREEPORT MCMORAN INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 20-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9240 / 9180	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10420 / 10159	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12670 / 11980	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
15720 / 14437	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 175	Date of Summary: 26-SEP-1991	First Sample Examined: 0
Lease Number: G07684	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5600
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5600
API Well Number: 177054088900	Drilling Operator: WAYMAN W BUCHANAN INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 101
Public Info Code: Y 04-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5378 / 5377	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-2004

Area Block: VR 178	Date of Summary: 23-MAY-1993	First Sample Examined: 0
Lease Number: G11871	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12626
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12247
API Well Number: 177054091800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 24-AUG-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8790 / 8725	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11640 / 11365	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 182	Date of Summary: 31-MAY-1994	First Sample Examined: 5630
Lease Number: G10665	Source of Paleo: OPERATOR	Borehole MD: 14172
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 11662
API Well Number: 177054095300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5630 - 14210	Water Depth: 100
Public Info Code: Y 06-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5630 / 5424	DEF AT first sample examined	DEF AT 1
5660 / 5446	DEF AT cement	DEF AT 1
5810 / 5553	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5960 / 5656	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 2
6290 / 5882	DEF AT faunal change (no faunal increase)	DEF AT 1
7160 / 6500	DEF AT faunal change (no faunal increase)	DEF AT 2
7580 / 6806	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 2
7760 / 6939	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
7880 / 7028	DEF AT faunal change (no faunal increase)	DEF AT 1
8150 / 7228	DEF AT faunal change (no faunal increase)	DEF AT 2
8240 / 7293	DEF AT faunal change (no faunal increase)	DEF AT 1
8270 / 7315	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 1
8990 / 7835	DEF AT faunal change (no faunal increase)	DEF AT 2
9500 / 8210	DEF AT faunal change (no faunal increase)	DEF AT
9560 / 8255	DEF AT faunal change (no faunal increase)	DEF AT 2
10520 / 8963	DEF AT faunal change (no faunal increase)	DEF AT 3
10580 / 9007	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10970 / 9294	DEF AT faunal change (no faunal increase)	DEF AT 2
12320 / 10290	DEF AT faunal change (no faunal increase)	DEF AT 3
12380 / 10334	DEF AT faunal change (no faunal increase)	DEF AT 2
13010 / 10804	DEF AT faunal change (no faunal increase)	DEF AT 3
13160 / 10915	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 182	Date of Summary: 31-MAY-1994	First Sample Examined: 5630
Lease Number: G10665	Source of Paleo: OPERATOR	Borehole MD: 14172
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 11662
API Well Number: 177054095300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5630 - 14210	Water Depth: 100
Public Info Code: Y 06-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14210 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 182	Date of Summary: 24-JAN-1995	First Sample Examined: 7230
Lease Number: G10665	Source of Paleo: OPERATOR	Borehole MD: 11926
Well Name: JB001	Paleo Done By: OPERATOR	Borehole TVD: 11741
API Well Number: 177054096500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7200 - 11890	Water Depth: 104
Public Info Code: Y 23-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 7199	DEF AT first sample examined	POS AT 2
7230 / 7229	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
7980 / 7979	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 2
8250 / 8249	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
9224 / 9223	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11890 / 11713	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 188	Date of Summary: 29-JAN-1991	First Sample Examined: 0
Lease Number: G07684	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13602
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10786
API Well Number: 177054087500	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 30-JAN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8120 / 7283	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9350 / 8113	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13280 / 10587	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 01-APR-1996	First Sample Examined: 4222
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 5	Sample Range: 4192 - 10393	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4222 / 4221	DEF AT first sample examined	DEF AT 1
4223 / 4222	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4224 / 4223	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
4252 / 4251	DEF AT sample gap top	POS AT 1
4530 / 4526	DEF AT sample gap bottom	DEF AT 1
4620 / 4614	DEF AT sample gap top	POS AT 1
4720 / 4712	DEF AT sample gap bottom	DEF AT 1
4856 / 4845	DEF AT faunal change (no faunal increase)	DEF AT 1
5044 / 5030	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5045 / 5031	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5620 / 5594	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5777 / 5748	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5870 / 5839	DEF AT pyrite	DEF AT 1
6988 / 6937	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
7114 / 7060	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 1
7523 / 7464	DEF AT faunal change (no faunal increase)	DEF AT 2
7652 / 7593	DEF AT pyrite	DEF AT 2
7715 / 7656	DEF AT faunal change (no faunal increase)	DEF AT 1
7779 / 7719	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
8096 / 8036	DEF AT local marker benthic foram increase	DEF AT 1
8227 / 8167	DEF AT faunal change (no faunal increase)	DEF AT 2
8285 / 8225	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 01-APR-1996	First Sample Examined: 4222
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 5	Sample Range: 4192 - 10393	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8362 / 8302	DEF AT faunal change (no faunal increase)	DEF AT 1
8930 / 8870	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
9087 / 9027	DEF AT faunal change (no faunal increase)	DEF AT 2
9534 / 9474	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
9598 / 9538	DEF AT pyrite	DEF AT 2
9660 / 9600	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9692 / 9632	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
9873 / 9813	DEF AT faunal change (no faunal increase)	DEF AT 2
9941 / 9881	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
10002 / 9942	DEF AT pyrite	DEF AT 2
10205 / 10145	DEF AT salt	POS AT 3
10392 / 10332	DEF AT gypsum	DEF AT 3
10393 / 10333	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 01-APR-1996	First Sample Examined: 10420
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 2 of 5	Sample Range: 10420 - 11154	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Bypass 1 or 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10420 / 10360	DEF AT first sample examined	DEF AT 2
10770 / 10710	DEF AT pyrite	DEF AT 2
10802 / 10742	DEF AT faunal change (no faunal increase)	DEF AT 3
10962 / 10901	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
11122 / 11061	DEF IN salt	DEF AT 3
11154 / 11093	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 01-APR-1996	First Sample Examined: 11189
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: APPLIED BIOSTRATIGRAPHIX	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 3 of 5	Sample Range: 11189 - 13900	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Calcareous nannofossil report for bypass 4

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11189 / 11128	DEF AT first sample examined	DEF AT 3
11284 / 11223	DEF AT faunal change (no faunal increase)	DEF AT 2
11601 / 11540	POS AT unconformity	DEF AT 3
11602 / 11541	POS AT fault	DEF AT 3
11794 / 11733	DEF AT Arenaceous fauna (local marker)	POS AT 3
11953 / 11891	DEF AT sample gap top	POS AT 3
12100 / 12038	DEF AT sample gap bottom	POS AT 3
12278 / 12216	DEF AT faunal change (no faunal increase)	DEF AT 3
12372 / 12310	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12436 / 12374	DEF AT pyrite	DEF AT 3
12564 / 12501	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
12814 / 12750	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
13126 / 13062	DEF AT faunal change (no faunal increase)	DEF AT 3
13244 / 13179	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13430 / 13364	DEF AT local marker foram increase	DEF AT 4
13652 / 13582	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13682 / 13611	DEF AT faunal change (no faunal increase)	DEF AT 3
13875 / 13800	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13900 / 13824	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 26-APR-1996	First Sample Examined: 4192
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 4 of 5	Sample Range: 4192 - 13900	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4192 / 4191	DEF AT first sample examined	DEF AT
7523 / 7464	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7587 / 7528	DEF IN Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
8285 / 8225	DEF IN Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
9510 / 9450	DEF IN Lower Pliocene (Zanclian) Sphenolithus grandis	DEF AT
10802 / 10742	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13900 / 13824	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 189	Date of Summary: 30-JUN-1996	First Sample Examined: 4222
Lease Number: G15183	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13825
API Well Number: 177054101100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 5 of 5	Sample Range: 4192 - 13900	Water Depth: 107
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4222 / 4221	DEF AT first sample examined	DEF AT 2
7523 / 7464	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 2
7587 / 7528	DEF IN Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 2
8285 / 8225	DEF IN Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT 2
9510 / 9450	DEF IN Lower Pliocene (Zanclian) Sphenolithus grandis	DEF AT 2
9660 / 9600	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 2
10802 / 10742	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
12372 / 12310	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
13900 / 13824	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 200	Date of Summary: 09-SEP-1993	First Sample Examined: 8670
Lease Number: G09500	Source of Paleo: OPERATOR	Borehole MD: 14430
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14010
API Well Number: 177054092100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4500 - 14435	Water Depth: 105
Public Info Code: Y 17-JUL-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8670 / 8543	DEF AT first sample examined	DEF IN 2
9510 / 9307	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
10080 / 9833	DEF AT - - - - -	DEF AT 3
11340 / 11019	DEF AT drilling material	POS AT 3
12120 / 11768	DEF AT - - - - -	DEF AT 3
14130 / 13715	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
14435 / 14010	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 203	Date of Summary: 06-MAR-1996	First Sample Examined: 4205
Lease Number: G12871	Source of Paleo: OPERATOR	Borehole MD: 18730
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17475
API Well Number: 177054100100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 4205 - 7800	Water Depth: 110
Public Info Code: Y 15-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4205 / 4205	DEF AT first sample examined	DEF AT 1
5310 / 5309	DEF AT - - - - -	DEF AT 2
5340 / 5339	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6330 / 6328	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
6540 / 6537	DEF AT - - - - -	DEF AT 3
6720 / 6717	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7350 / 7347	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
7800 / 7797	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 203	Date of Summary: 06-MAR-1996	First Sample Examined: 7080
Lease Number: G12871	Source of Paleo: OPERATOR	Borehole MD: 18730
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17475
API Well Number: 177054100100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 7080 - 16200	Water Depth: 110
Public Info Code: Y 15-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
7080 / 7077	DEF AT first sample examined	DEF AT 3
7081 / 7078	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7410 / 7407	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9030 / 9026	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11400 / 11297	DEF AT - - - - -	DEF AT 4
12180 / 11935	DEF AT - - - - -	DEF AT 5
12210 / 11959	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13050 / 12654	DEF AT - - - - -	DEF AT 6
14640 / 13999	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
15720 / 14911	DEF AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 6
16200 / 15312	DEF AT last sample examined	DEF AT 6

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End Date: 31-DEC-2004

Area Block: VR 203	Date of Summary: 06-MAR-1996	First Sample Examined: 16200
Lease Number: G12871	Source of Paleo: OPERATOR	Borehole MD: 18730
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17475
API Well Number: 177054100100	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 16200 - 18729	Water Depth: 110
Public Info Code: Y 15-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
16200 / 15312	DEF AT first sample examined	DEF AT 6
16950 / 15934	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
17550 / 16427	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
17580 / 16452	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
18300 / 17074	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
18729 / 17472	DEF AT last sample examined	DEF AT 6

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Area Block: VR 217	Date of Summary: 18-JAN-1991	First Sample Examined: 0
Lease Number: G01141	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14609
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 14358
API Well Number: 177054086200	Drilling Operator: TAYLOR ENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 04-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 9369	DEF AT - - - - -	DEF AT 3
9840 / 9720	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13860 / 13621	DEF AT - - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 225	Date of Summary: 21-JUL-1992	First Sample Examined: 3540
Lease Number: G01143	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9728
API Well Number: 177054090500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 130
Paleo Report Num: 1 of 1	Sample Range: 3540 - 9750	Water Depth: 118
Public Info Code: Y 12-AUG-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 / 3540	DEF AT first sample examined	DEF AT 1
4320 / 4320	DEF AT - - - - -	DEF AT 2
4920 / 4920	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6300 / 6287	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
7170 / 7151	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
7740 / 7721	DEF AT - - - - -	DEF AT 4
9180 / 9160	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9750 / 9730	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 225	Date of Summary: 10-SEP-1992	First Sample Examined: 4770
Lease Number: G01143	Source of Paleo: OPERATOR	Borehole MD: 10632
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10559
API Well Number: 177054090600	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 4770 - 10630	Water Depth: 118
Public Info Code: Y 17-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4769	DEF AT first sample examined	DEF IN 2
5850 / 5842	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
6630 / 6588	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
7740 / 7670	DEF AT - - - - -	DEF AT 4
9330 / 9258	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10630 /	DEF AT last sample examined	DEF AT 4

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Area Block: VR 236	Date of Summary: 26-JUN-2001	First Sample Examined: 0
Lease Number: G17911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13299
API Well Number: 177054113700	Drilling Operator: WESTPORT OIL AND GAS COMPANY LP	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 129
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7128 / 7128	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8838 / 8838	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10790 / 10789	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
11370 / 11369	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 245	Date of Summary: 29-AUG-1991	First Sample Examined: 8890
Lease Number: G01146	Source of Paleo: OPERATOR	Borehole MD: 11192
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 10815
API Well Number: 177054084800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 4420 - 11170	Water Depth: 133
Public Info Code: Y 15-OCT-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8890 / 8543	DEF AT first sample examined	DEF AT 3
9610 / 9237	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
10060 / 9684	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10180 / 9804	DEF AT - - - - -	DEF AT 1
10540 / 10163	DEF AT - - - - -	DEF AT 3
10900 / 10523	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11170 / 10793	DEF AT last sample examined	DEF AT 4

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Area Block: VR 245	Date of Summary: 15-AUG-1991	First Sample Examined: 10890
Lease Number: G01147	Source of Paleo: OPERATOR	Borehole MD: 14804
Well Name: F005	Paleo Done By: OPERATOR	Borehole TVD: 13142
API Well Number: 177054086700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 126
Paleo Report Num: 1 of 1	Sample Range: 6000 - 14804	Water Depth: 134
Public Info Code: Y 21-FEB-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10890 / 9969	DEF AT first sample examined	DEF AT 3
11250 / 10256	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11430 / 10395	DEF AT -----	DEF AT 1
11830 / 10706	DEF AT -----	DEF AT 3
12270 / 11047	DEF AT -----	DEF AT 2
13320 / 11852	DEF AT -----	DEF AT 4
13530 / 12020	DEF AT -----	DEF AT 3
13930 / 12355	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
14100 / 12503	DEF AT -----	DEF AT 4
14460 / 12825	DEF AT salt	POS AT 4
14804 / 13142	DEF AT last sample examined	POS AT 4

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Area Block: VR 251	Date of Summary: 02-JUN-1993	First Sample Examined: 12000
Lease Number: G02873	Source of Paleo: OPERATOR	Borehole MD: 15824
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15818
API Well Number: 177054092200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 9900 - 15810	Water Depth: 138
Public Info Code: Y 27-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 / 11999	DEF AT first sample examined	DEF AT 3
12030 / 12029	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
12300 / 12298	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12840 / 12837	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
15090 / 15085	DEF AT - - - - -	DEF AT 4
15180 / 15175	DEF AT - - - - -	DEF AT 5
15810 / 15804	DEF AT last sample examined	DEF AT 5

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Area Block: VR 262	Date of Summary: 02-FEB-1993	First Sample Examined: 0
Lease Number: G02081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11914
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 11501
API Well Number: 177064067800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 17-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6790 / 6378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8100 / 7688	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11290 / 10878	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Area Block: VR 274	Date of Summary: 27-SEP-2001	First Sample Examined: 0
Lease Number: G04213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10280
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 7596
API Well Number: 177064078100	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 4611	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7480 / 5589	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8190 / 6070	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9475 / 7001	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Area Block: VR 274	Date of Summary: 18-DEC-1996	First Sample Examined: 0
Lease Number: G15200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10671
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 8516
API Well Number: 177064078200	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 3822	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5923 / 4657	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7350 / 5624	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7940 / 6027	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

This report contains public paleo reports only for the time period stated

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Area Block: VR 277	Date of Summary: 15-MAY-1998	First Sample Examined: 0
Lease Number: G03398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11400
Well Name: CA001	Paleo Done By: OPERATOR	Borehole TVD: 9375
API Well Number: 177064028701	Drilling Operator: ATP OIL & GAS CORPORATION	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 29-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6523	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9000 / 7752	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: VR 277	Date of Summary: 15-MAY-1998	First Sample Examined: 0
Lease Number: G03398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11203
Well Name: CA003	Paleo Done By: OPERATOR	Borehole TVD: 10386
API Well Number: 177064080500	Drilling Operator: ATP OIL & GAS CORPORATION	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 29-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 / 4350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6560 / 6560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8040 / 8033	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: VR 281	Date of Summary: 09-JUL-1993	First Sample Examined: 0
Lease Number: G15201	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7530
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7353
API Well Number: 177064069200	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 07-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5865 / 5844	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6370 / 6304	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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End Date: 31-DEC-2004

Area Block: VR 288	Date of Summary: 29-JUL-1993	First Sample Examined: 5000
Lease Number: G09509	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11732
API Well Number: 177064069300	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9680	Water Depth: 186
Public Info Code: Y 24-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4935	DEF AT first sample examined	DEF AT 2
5330 / 5265	DEF AT faunal change (no faunal increase)	DEF AT 3
5360 / 5295	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5750 / 5685	DEF AT faunal change (no faunal increase)	DEF AT 2
6140 / 6075	DEF AT faunal change (no faunal increase)	DEF AT 4
6259 / 6194	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6260 / 6195	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6350 / 6285	DEF AT faunal change (no faunal increase)	DEF AT 2
7850 / 7784	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
8240 / 8174	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8600 / 8534	DEF AT local marker foram increase	DEF AT 4
8720 / 8654	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8750 / 8684	DEF AT faunal change (no faunal increase)	DEF AT 3
9260 / 9194	DEF AT faunal change (no faunal increase)	DEF AT 4
9560 / 9494	DEF AT local marker foram increase	DEF AT 3
9680 / 9614	DEF AT last sample examined	DEF AT 3

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Area Block: VR 288	Date of Summary: 15-NOV-1993	First Sample Examined: 0
Lease Number: G09509	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9394
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7750
API Well Number: 177064070000	Drilling Operator: SEAGULL ENERGY E&P INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 24-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6590 / 5516	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6830 / 5700	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9740 / 7877	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-2004

Area Block: VR 289	Date of Summary: 18-DEC-1996	First Sample Examined: 0
Lease Number: G04213	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9219
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5670
API Well Number: 177064078600	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 30-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 3689	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7085 / 4520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: VR 296	Date of Summary: 11-MAY-1993	First Sample Examined: 1000
Lease Number: G09511	Source of Paleo: OPERATOR	Borehole MD: 10614
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9976
API Well Number: 177064068700	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10600	Water Depth: 191
Public Info Code: Y 03-FEB-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
1930 / 1930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3460 / 3460	DEF AT faunal change (no faunal increase)	DEF AT 3
6250 / 6250	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7300 / 7300	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8440 / 8432	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8470 / 8461	DEF AT faunal change (no faunal increase)	DEF AT 4
9550 / 9318	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10600 / 9968	DEF AT last sample examined	DEF AT 4

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Area Block: VR 296	Date of Summary: 11-MAY-1993	First Sample Examined: 7000
Lease Number: G09511	Source of Paleo: OPERATOR	Borehole MD: 11070
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10044
API Well Number: 177064068701	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7000 - 11070	Water Depth: 192
Public Info Code: Y 03-FEB-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6998	DEF AT first sample examined	DEF AT 3
7060 / 7058	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8410 / 8400	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8530 / 8515	DEF AT faunal change (no faunal increase)	DEF AT 4
9580 / 9348	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
11070 / 10045	DEF AT last sample examined	DEF AT 4

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Area Block: VR 298	Date of Summary: 17-JAN-1992	First Sample Examined: 0
Lease Number: G11886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6887
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6887
API Well Number: 177064066200	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 13-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 3780	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4200 / 4200	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4770 / 4769	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6570 / 6569	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: VR 302	Date of Summary: 31-MAY-1994	First Sample Examined: 8085
Lease Number: G03138	Source of Paleo: OPERATOR	Borehole MD: 8749
Well Name: JA003	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8674
API Well Number: 177064071400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8085 - 8749	Water Depth: 196
Public Info Code: Y 01-JUN-2004	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8085 / 8011	DEF AT first sample examined	POS AT 2
8118 / 8044	DEF AT - - - - -	DEF AT 2
8150 / 8076	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8587 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8743 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8749 /	DEF AT last sample examined	DEF AT 2

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Area Block: VR 308	Date of Summary: 20-JUL-1995	First Sample Examined: 500
Lease Number: G11892	Source of Paleo: OPERATOR	Borehole MD: 20399
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20377
API Well Number: 177064073300	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 500 - 20400	Water Depth: 200
Public Info Code: Y 20-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, 9690=first sample redrill 1, 18420=first sample redrill 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF AT
1520 / 1520	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4050 / 4049	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
6000 / 5997	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6750 / 6746	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri "A"	DEF AT
8730 / 8723	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10410 / 10395	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
12060 / 12044	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12090 / 12074	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
12210 / 12194	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
12510 / 12494	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
12600 / 12584	DEF AT salt	DEF AT
12900 / 12884	POS AT gouge	DEF AT
13110 / 13094	DEF AT base of salt	DEF AT
13700 / 13684	DEF AT sample gap top	DEF AT
13970 / 13954	DEF AT sample gap bottom	DEF AT
14480 / 14464	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
14890 / 14874	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
15520 / 15504	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
16630 / 16613	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
16650 / 16633	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
17290 / 17270	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 308	Date of Summary: 20-JUL-1995	First Sample Examined: 500
Lease Number: G11892	Source of Paleo: OPERATOR	Borehole MD: 20399
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20377
API Well Number: 177064073300	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 2	Sample Range: 500 - 20400	Water Depth: 200
Public Info Code: Y 20-NOV-2004	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17820 / 17800	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
18730 / 18709	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
18950 / 18928	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (acme)	DEF AT
20399 / 20377	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 308	Date of Summary: 21-JUL-1995	First Sample Examined: 500
Lease Number: G11892	Source of Paleo: OPERATOR	Borehole MD: 20399
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20377
API Well Number: 177064073300	Drilling Operator: BP CORPORATION NORTH AMERICA INC	Rkb Elevation: 112
Paleo Report Num: 2 of 2	Sample Range: 500 - 20400	Water Depth: 200
Public Info Code: Y 20-NOV-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 9690=first sample redrill 1, 18390=first sample redrill 2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF AT 2
1910 / 1910	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4560 / 4559	DEF AT - - - - -	DEF AT 3
6090 / 6087	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6750 / 6746	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9600 / 9587	DEF AT - - - - -	POS AT 4
9690 / 9676	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12090 / 12074	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12569 / 12553	DEF AT anhydrite	DEF AT 4
12570 / 12554	DEF AT domal material	DEF AT 4
13110 / 13094	DEF AT base of salt	DEF AT 4
13140 / 13124	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
13720 / 13704	DEF AT sample gap top	POS AT 6
13970 / 13954	DEF AT sample gap bottom	DEF AT 6
16630 / 16613	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
18640 / 18619	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
18730 / 18709	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
18940 / 18918	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
20399 / 20377	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 310	Date of Summary: 14-MAY-1998	First Sample Examined: 8600
Lease Number: G17918	Source of Paleo: OPERATOR	Borehole MD: 10803
Well Name: 001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 8300
API Well Number: 177064081000	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 8600 - 10804	Water Depth: 200
Public Info Code: Y 30-APR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 6992	DEF AT first sample examined	DEF AT 2
8601 / 6992	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9410 / 7481	DEF AT local marker benthic foram increase	DEF IN 2
9620 / 7607	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 2
10040 / 7854	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 2
10550 / 8153	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
10670 / 8223	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
10803 / 8300	DEF AT local marker foram increase	DEF IN 3
10804 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 313	Date of Summary: 11-JUN-1996	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8495
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 6944
API Well Number: 177064071700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 06-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4655 / 4037	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6210 / 5166	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 313	Date of Summary: 11-JUN-1996	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9782
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 8125
API Well Number: 177064071900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 14-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5145 / 4127	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6850 / 5342	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8135 / 6500	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 313	Date of Summary: 08-JAN-1996	First Sample Examined: 0
Lease Number: G01172	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10433
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 7455
API Well Number: 177064072000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 27-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6079 / 4173	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
8596 / 5754	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9963 / 6997	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 318	Date of Summary: 28-JUL-1992	First Sample Examined: 3600
Lease Number: G04427	Source of Paleo: OPERATOR	Borehole MD: 8059
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5603
API Well Number: 177064066900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 3600 - 8340	Water Depth: 209
Public Info Code: Y 05-AUG-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3600 / 3315	DEF AT first sample examined	DEF AT 2
5820 / 4404	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5940 / 4464	DEF AT - - - - -	DEF AT 2
6480 / 4740	DEF AT - - - - -	DEF AT 3
6930 / 4983	DEF AT sample gap top	POS AT 3
7200 / 5130	DEF AT sample gap bottom	DEF AT 3
7230 / 5146	DEF IN local marker benthic foram increase	DEF AT 3
8130 /	DEF AT - - - - -	DEF AT 4
8220 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8340 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 318	Date of Summary: 28-JUL-1992	First Sample Examined: 5500
Lease Number: G04427	Source of Paleo: OPERATOR	Borehole MD: 8059
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5603
API Well Number: 177064066900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 5500 - 8050	Water Depth: 209
Public Info Code: Y 05-AUG-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 4247	DEF AT first sample examined	DEF AT 2
5560 / 4276	DEF AT sample gap top	POS AT 2
5680 / 4335	DEF AT sample gap bottom	DEF AT 2
5700 / 4345	DEF AT sample gap top	POS AT 2
5870 / 4429	DEF AT sample gap bottom	DEF AT 2
5930 / 4459	DEF AT sample gap top	POS AT 2
6920 / 4977	DEF AT sample gap bottom	DEF AT 3
6950 / 4994	DEF IN local marker benthic foram increase	DEF AT 3
8050 / 5598	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 318	Date of Summary: 14-AUG-1992	First Sample Examined: 3690
Lease Number: G04427	Source of Paleo: OPERATOR	Borehole MD: 10171
Well Name: A014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6428
API Well Number: 177064067200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 3690 - 10150	Water Depth: 209
Public Info Code: Y 25-AUG-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3018	DEF AT first sample examined	DEF AT 2
5190 / 3803	DEF AT faunal change (no faunal increase)	DEF AT 3
6190 / 4333	DEF AT faunal change (no faunal increase)	DEF AT 2
7030 / 4774	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9340 / 5981	DEF AT local marker benthic foram increase	DEF AT 3
9820 / 6233	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10150 / 6415	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 318	Date of Summary: 14-AUG-1992	First Sample Examined: 5990
Lease Number: G04427	Source of Paleo: OPERATOR	Borehole MD: 8218
Well Name: A014	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5817
API Well Number: 177064067201	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 5990 - 8190	Water Depth: 209
Public Info Code: Y 29-AUG-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 4226	DEF AT first sample examined	POS AT 2
6110 / 4294	DEF AT faunal change (no faunal increase)	DEF AT 2
6530 / 4551	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6800 / 4737	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7820 / 5510	DEF AT local marker benthic foram increase	DEF AT 3
7979 / 5631	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
7980 / 5632	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8190 / 5793	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 320	Date of Summary: 18-NOV-1991	First Sample Examined: 0
Lease Number: G02087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177064064200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 27-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2150 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4010 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
5870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 320	Date of Summary: 08-MAR-1991	First Sample Examined: 0
Lease Number: G02087	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9045
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 7200
API Well Number: 177064065400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 28-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2250 / 2212	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2280 / 2239	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5370 / 4180	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5790 / 4443	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
7530 / 5745	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
7890 / 6088	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8160 / 6347	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
9000 / 7157	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 328	Date of Summary: 12-MAR-1991	First Sample Examined: 1950
Lease Number: G11896	Source of Paleo: OPERATOR	Borehole MD: 9263
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9258
API Well Number: 177064065300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1950 - 9263	Water Depth: 217
Public Info Code: Y 17-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1950 / 1950	DEF AT first sample examined	DEF AT 3
1951 / 1951	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
2250 / 2250	DEF AT sample gap top	POS AT 3
2400 / 2400	DEF AT sample gap bottom	DEF AT 3
2430 / 2430	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2670 / 2670	DEF AT faunal change (no faunal increase)	DEF AT 2
2940 / 2940	DEF AT faunal change (no faunal increase)	DEF AT 3
3090 / 3090	DEF AT faunal change (no faunal increase)	DEF AT 2
3780 / 3780	DEF AT faunal change (no faunal increase)	DEF AT 3
4200 / 4200	DEF AT faunal change (no faunal increase)	DEF AT 2
4470 / 4470	DEF AT cement	POS AT 2
4650 / 4650	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	POS AT 2
4830 / 4830	DEF AT faunal change (no faunal increase)	DEF AT 3
5280 / 5280	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5530 / 5530	DEF AT faunal change (no faunal increase)	DEF AT 2
5640 / 5640	DEF AT faunal change (no faunal increase)	DEF AT 3
5730 / 5730	DEF AT faunal change (no faunal increase)	DEF AT 2
6510 / 6510	DEF AT faunal change (no faunal increase)	DEF AT 3
7110 / 7110	DEF AT faunal change (no faunal increase)	DEF AT 2
7350 / 7350	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
8070 / 8069	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
8400 / 8398	DEF AT faunal change (no faunal increase)	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 328	Date of Summary: 12-MAR-1991	First Sample Examined: 1950
Lease Number: G11896	Source of Paleo: OPERATOR	Borehole MD: 9263
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9258
API Well Number: 177064065300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1950 - 9263	Water Depth: 217
Public Info Code: Y 17-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8580 / 8578	DEF AT faunal change (no faunal increase)	DEF AT 3
8760 / 8757	DEF AT faunal change (no faunal increase)	DEF AT 4
8820 / 8817	DEF AT faunal change (no faunal increase)	DEF AT 3
9210 / 9205	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 3
9263 / 9258	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-2004

Area Block: VR 328	Date of Summary: 28-OCT-1993	First Sample Examined: 0
Lease Number: G11896	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9674
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8417
API Well Number: 177064070100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 20-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8042 / 7112	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9529 / 8304	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 328	Date of Summary: 22-NOV-1993	First Sample Examined: 0
Lease Number: G11896	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9287
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8769
API Well Number: 177064069500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 06-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7411 / 7161	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8985 / 8523	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 328	Date of Summary: 21-NOV-1993	First Sample Examined: 0
Lease Number: G11896	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8623
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8618
API Well Number: 177064069800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 01-OCT-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7182 / 7180	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8418 / 8413	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 332	Date of Summary: 03-AUG-1993	First Sample Examined: 4000
Lease Number: G09514	Source of Paleo: OPERATOR	Borehole MD: 8800
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8800
API Well Number: 177064069400	Drilling Operator: SAMEDAN OFFSHORE CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8800	Water Depth: 217
Public Info Code: Y 31-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 3
4001 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6610 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7690 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 336	Date of Summary: 20-MAY-1997	First Sample Examined: 0
Lease Number: G13892	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12226
API Well Number: 177064079000	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 16-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6580 / 6580	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7330 / 7330	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9100 / 9092	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13640 / 13607	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
15370 / 15330	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 336	Date of Summary: 24-JAN-2000	First Sample Examined: 0
Lease Number: G13892	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12671
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10566
API Well Number: 177064079001	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 229
Public Info Code: Y 16-JUN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11170 / 10424	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11710 / 10802	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 344	Date of Summary: 24-DEC-1997	First Sample Examined: 0
Lease Number: G17920	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4598
API Well Number: 177064080300	Drilling Operator: BRITISH-BORNEO USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 227
Public Info Code: Y 14-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3859	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 348	Date of Summary: 03-APR-1997	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14900
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 14900
API Well Number: 177064079100	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 238
Public Info Code: Y 20-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3790 / 3788	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7360 / 7358	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10280 / 10277	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
12650 / 12646	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12710 / 12706	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
14250 / 14246	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
14480 / 14475	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 348	Date of Summary: 08-DEC-1998	First Sample Examined: 0
Lease Number: G02271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11210
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5326
API Well Number: 177064040102	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 141
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 237
Public Info Code: Y 20-NOV-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4952 / 2616	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6440 / 3064	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10197 / 4575	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 355	Date of Summary: 08-JUN-1992	First Sample Examined: 1300
Lease Number: G12876	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 177064066400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1300 - 9400	Water Depth: 246
Public Info Code: Y 18-MAY-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT first sample examined	POS AT 2
4470 / 4470	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6810 / 6809	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 2
9400 / 9398	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 362	Date of Summary: 11-FEB-1997	First Sample Examined: 0
Lease Number: G10687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11480
API Well Number: 177064072800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 278
Public Info Code: Y 23-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8740 / 8729	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8830 / 8819	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10870 / 10844	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 25-MAR-1993	First Sample Examined: 5010
Lease Number: G09524	Source of Paleo: OPERATOR	Borehole MD: 11551
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11548
API Well Number: 177064068100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5010 - 11551	Water Depth: 297
Public Info Code: Y 20-APR-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 5010	DEF AT first sample examined	DEF IN 3
6450 / 6449	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6510 / 6509	DEF AT - - - - -	DEF AT 4
7170 / 7169	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7590 / 7589	DEF AT - - - - -	DEF AT 5
9930 / 9928	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11070 / 11068	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11551 / 11548	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 22-JUL-1993	First Sample Examined: 5010
Lease Number: G09524	Source of Paleo: OPERATOR	Borehole MD: 14754
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13241
API Well Number: 177064068800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 4	Sample Range: 5010 - 14280	Water Depth: 297
Public Info Code: Y 16-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5010 / 5010	DEF AT first sample examined	DEF AT 2
5011 / 5011	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5550 / 5542	DEF AT - - - -	DEF AT 3
6930 / 6679	DEF AT sample gap top	POS AT 3
7110 / 6819	DEF AT sample gap bottom	DEF AT 3
7260 / 6938	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8070 / 7593	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9330 / 8626	DEF AT sample gap top	POS AT 5
9840 / 9043	DEF AT sample gap bottom	DEF AT 5
10830 / 9842	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11370 / 10275	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12390 / 11096	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
14280 / 12720	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 22-JUL-1993	First Sample Examined: 11010
Lease Number: G09524	Source of Paleo: OPERATOR	Borehole MD: 14754
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13241
API Well Number: 177064068800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 4	Sample Range: 11010 - 14280	Water Depth: 297
Public Info Code: Y 16-AUG-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11010 / 9986	DEF AT first sample examined	DEF AT
11370 / 10275	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
11970 / 10758	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12420 / 11120	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14220 / 12678	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14280 / 12720	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 22-JUL-1993	First Sample Examined: 13740
Lease Number: G09524	Source of Paleo: OPERATOR	Borehole MD: 14754
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13241
API Well Number: 177064068800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 4	Sample Range: 13740 - 14754	Water Depth: 297
Public Info Code: Y 16-AUG-2003	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13740 / 12289	DEF AT first sample examined	DEF AT 5
14310 / 12742	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14730 / 13108	DEF AT - - - - -	DEF AT 6
14754 / 13131	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 22-JUL-1993	First Sample Examined: 13740
Lease Number: G09524	Source of Paleo: OPERATOR	Borehole MD: 14754
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13241
API Well Number: 177064068800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 4 of 4	Sample Range: 13740 - 14754	Water Depth: 297
Public Info Code: Y 16-AUG-2003	Ecozone Eq MMS:	Paleo ID: 005

Remark: Calcareous nannofossil report for sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13740 / 12289	DEF AT first sample examined	DEF AT
14130 / 12612	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
14243 / 12694	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
14730 / 13108	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
14754 / 13131	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 27-DEC-2001	First Sample Examined: 0
Lease Number: G09524	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14273
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12677
API Well Number: 177064070800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 143
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 14-APR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10450 / 9812	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11080 / 10271	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12100 / 11023	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 07-NOV-2001	First Sample Examined: 0
Lease Number: G09524	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12350
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11400
API Well Number: 177064072500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 298
Public Info Code: Y 07-SEP-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10600 / 9987	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11050 / 10365	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 371	Date of Summary: 29-NOV-2001	First Sample Examined: 0
Lease Number: G10687	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15507
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13600
API Well Number: 177064070400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 10-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8250 / 7669	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11460 / 10293	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
12720 / 11284	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14220 / 12447	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 389	Date of Summary: 30-JAN-1997	First Sample Examined: 0
Lease Number: G11853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5065
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 4288
API Well Number: 177064074400	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 30-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3320 / 2882	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 389	Date of Summary: 28-OCT-1996	First Sample Examined: 0
Lease Number: G11853	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6739
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 3585
API Well Number: 177064076400	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 30-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 2732	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6300 / 3426	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 389	Date of Summary: 30-JAN-1997	First Sample Examined: 0
Lease Number: G14430	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8428
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 3912
API Well Number: 177064075200	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 12-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 / 2946	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 391	Date of Summary: 23-AUG-1996	First Sample Examined: 0
Lease Number: G15209	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7198
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6450
API Well Number: 177064078300	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 365
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2740 / 2736	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6490 / 5894	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 395	Date of Summary: 07-NOV-1991	First Sample Examined: 0
Lease Number: G11901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12685
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9788
API Well Number: 177064066000	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 427
Public Info Code: Y 04-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2440 / 2438	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2950 / 2915	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3232 / 3144	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4240 / 3797	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9700 / 7374	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11500 / 8825	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
12130 / 9337	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
12430 / 9581	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
12660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 398	Date of Summary: 25-JUN-1993	First Sample Examined: 5600
Lease Number: G09529	Source of Paleo: OPERATOR	Borehole MD: 16128
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14389
API Well Number: 177064069000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5600 - 14060	Water Depth: 381
Public Info Code: Y 16-JUL-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5600 /	DEF AT first sample examined	DEF AT 4
7010 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7190 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8690 /	DEF AT - - - - -	DEF AT 5
9590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13730 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13880 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
14060 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 398	Date of Summary: 13-SEP-1993	First Sample Examined: 5600
Lease Number: G09529	Source of Paleo: OPERATOR	Borehole MD: 14879
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13971
API Well Number: 177064069600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5600 - 14879	Water Depth: 381
Public Info Code: Y 09-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5598	DEF AT first sample examined	DEF AT 4
6590 / 6587	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7940 / 7873	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8240 / 8146	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8780 / 8628	DEF AT Bathysiphon fauna	DEF AT 4
9230 / 9023	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
9650 / 9391	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9768 / 9495	DEF AT Eggerella sp. (local marker)	DEF AT 5
9769 / 9495	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
9770 / 9496	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9890 / 9601	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
10520 / 10157	DEF AT local marker foram increase	DEF AT 5
11540 / 11072	DEF AT foram flood	DEF AT 5
11690 / 11206	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 5
13010 / 12379	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
13280 / 12613	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
13850 / 13103	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
14030 / 13259	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
14060 / 13285	POS AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 6
14630 / 13765	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
14659 / 13789	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
14660 / 13790	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 398	Date of Summary: 13-SEP-1993	First Sample Examined: 5600
Lease Number: G09529	Source of Paleo: OPERATOR	Borehole MD: 14879
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13971
API Well Number: 177064069600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5600 - 14879	Water Depth: 381
Public Info Code: Y 09-OCT-2003	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14879 / 13971	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 410	Date of Summary: 10-JUL-1995	First Sample Examined: 0
Lease Number: G11903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6550
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6419
API Well Number: 177064075900	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 364
Public Info Code: Y 12-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2160 / 2160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3600 / 3600	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5040 / 5035	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5550 / 5518	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 410	Date of Summary: 03-JAN-1997	First Sample Examined: 0
Lease Number: G11903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3503
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 3433
API Well Number: 177064072900	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 364
Public Info Code: Y 12-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 / 2200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 410	Date of Summary: 06-DEC-1996	First Sample Examined: 0
Lease Number: G14430	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6428
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5094
API Well Number: 177064072700	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 364
Public Info Code: Y 12-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 / 2336	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 07-FEB-1990	First Sample Examined: 2600
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 7362
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6718
API Well Number: 177064063700	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 2600 - 7341	Water Depth: 468
Public Info Code: Y 22-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT first sample examined	DEF IN 3
4700 / 4478	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7341 / 6703	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 07-FEB-1990	First Sample Examined: 2600
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 7362
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6718
API Well Number: 177064063700	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 2600 - 7341	Water Depth: 468
Public Info Code: Y 22-FEB-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT first sample examined	DEF AT
2870 / 2869	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7341 / 6703	DEF AT last sample examined	DEF AT

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Area Block: VR 412	Date of Summary: 04-MAR-1991	First Sample Examined: 0
Lease Number: G06685	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8587
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6335
API Well Number: 177064064301	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 468
Public Info Code: Y 22-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4507 / 3651	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5859 / 4399	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Area Block: VR 412	Date of Summary: 25-FEB-1991	First Sample Examined: 2600
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 5975
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4581
API Well Number: 177064064302	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 119
Paleo Report Num: 1 of 2	Sample Range: 2600 - 5975	Water Depth: 468
Public Info Code: Y 12-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2501	DEF AT first sample examined	DEF IN 3
4040 / 3468	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5120 / 4024	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5975 / 4581	DEF AT last sample examined	DEF IN 3

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End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 25-FEB-1991	First Sample Examined: 2600
Lease Number: G06685	Source of Paleo: OPERATOR	Borehole MD: 5975
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4581
API Well Number: 177064064302	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 119
Paleo Report Num: 2 of 2	Sample Range: 2600 - 5975	Water Depth: 468
Public Info Code: Y 12-MAR-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2501	DEF AT first sample examined	DEF AT
3410 / 3100	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5975 / 4581	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

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Area Block: VR 412	Date of Summary: 07-FEB-1990	First Sample Examined: 4600
Lease Number: G08678	Source of Paleo: OPERATOR	Borehole MD: 6691
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6420
API Well Number: 177064063701	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 4600 - 6700	Water Depth: 468
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4394	DEF AT first sample examined	DEF IN 3
4690 / 4473	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6700 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 07-FEB-1990	First Sample Examined: 4600
Lease Number: G08678	Source of Paleo: OPERATOR	Borehole MD: 6691
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6420
API Well Number: 177064063701	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 4600 - 6700	Water Depth: 468
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4394	DEF AT first sample examined	DEF AT
6700 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 14-FEB-1990	First Sample Examined: 2694
Lease Number: G08678	Source of Paleo: OPERATOR	Borehole MD: 8403
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7006
API Well Number: 177064063702	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2690 - 8403	Water Depth: 468
Public Info Code: Y 13-MAR-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2690 / 2690	DEF AT first sample examined	DEF IN 3
4610 / 4259	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8403 / 7008	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: VR 412	Date of Summary: 11-APR-1991	First Sample Examined: 0
Lease Number: G08678	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6609
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 4472
API Well Number: 177064065600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 468
Public Info Code: Y 08-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report, in=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4139 / 3309	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
5315 / 3841	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 36	Date of Summary: 04-AUG-1995	First Sample Examined: 0
Lease Number: G11753	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11447
API Well Number: 177004091500	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 123
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 31-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7915 / 7914	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8258 / 8257	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10002 / 10000	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 53	Date of Summary: 20-SEP-1993	First Sample Examined: 0
Lease Number: G04379	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14030
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14030
API Well Number: 177004086600	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 24-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6816 / 6816	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7110 / 7110	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8220 / 8219	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8250 / 8249	DEF AT sample gap top	DEF AT
8340 / 8339	DEF AT sample gap bottom	DEF AT
8520 / 8519	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8850 / 8849	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9240 / 9239	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
9510 / 9509	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9540 / 9539	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
9780 / 9779	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT
10050 / 10049	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
10800 / 10799	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT
12420 / 12419	DEF AT Cyclammina cancellata (local marker)	DEF AT
12900 / 12899	DEF AT local marker benthic foram increase	DEF AT
14010 / 14008	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 26-MAY-1992	First Sample Examined: 4200
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 1 of 6	Sample Range: 4200 - 10680	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4200	DEF AT first sample examined	DEF AT
4650 / 4650	POS IN Upper Miocene (Tortonian) Discoaster bollii	DEF AT
5820 / 5820	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
6090 / 6090	POS AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT
7560 / 7551	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
10680 / 10255	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 26-MAY-1992	First Sample Examined: 10290
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 2 of 6	Sample Range: 10290 - 12150	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack 1, no diagnostic coccolith markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10290 / 9916	DEF AT first sample examined	DEF AT
12150 / 11478	DEF AT last sample examined	DEF AT

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Area Block: WC 61	Date of Summary: 26-MAY-1992	First Sample Examined: 12210
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 3 of 6	Sample Range: 12210 - 15600	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report for sidetrack 3

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12210 / 11525	DEF AT first sample examined	DEF AT
13710 / 12886	POS IN Middle Miocene (Langhian) Discoaster calcosus	DEF AT
15600 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 27-MAY-1992	First Sample Examined: 4200
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 4 of 6	Sample Range: 4200 - 10680	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4200 / 4200	DEF AT first sample examined	DEF AT 2
4710 / 4710	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5730 / 5730	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6150 / 6150	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7470 / 7464	DEF AT faunal change (no faunal increase)	DEF AT 3
7650 / 7639	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7890 / 7867	DEF AT faunal change (no faunal increase)	DEF AT 2
10500 / 10098	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10680 / 10255	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 27-MAY-1992	First Sample Examined: 10320
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 5 of 6	Sample Range: 10320 - 12150	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 / 9942	DEF AT first sample examined	DEF AT 2
10440 / 10046	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12150 / 11478	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 27-MAY-1992	First Sample Examined: 12150
Lease Number: G09383	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14762
API Well Number: 177004085100	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 94
Paleo Report Num: 6 of 6	Sample Range: 12150 - 15600	Water Depth: 36
Public Info Code: Y 20-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12150 / 11478	DEF AT first sample examined	DEF AT 3
12900 / 12123	DEF AT poor sample interval top	DEF AT 3
13470 / 12654	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
14450 / 13615	DEF AT poor sample interval bottom	DEF AT 3
15060 / 14222	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
15600 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 05-DEC-2000	First Sample Examined: 0
Lease Number: G09384	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14730
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 14323
API Well Number: 177004088000	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 27-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8190 / 8101	DEF AT Lower (Early) Miocene	DEF AT
12156 / 11749	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13650 / 13243	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 31-DEC-1991	First Sample Examined: 5200
Lease Number: G09386	Source of Paleo: OPERATOR	Borehole MD: 16900
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15709
API Well Number: 177004084400	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 95
Paleo Report Num: 1 of 4	Sample Range: 5200 - 13840	Water Depth: 36
Public Info Code: Y 27-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5200 / 5139	DEF AT first sample examined	DEF AT 2
5770 / 5650	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7841 / 7547	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
10690 / 10131	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12820 / 12118	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
13060 / 12343	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13209 / 12481	DEF AT - - - - -	DEF AT 3
13840 / 13059	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 31-DEC-1991	First Sample Examined: 12490
Lease Number: G09386	Source of Paleo: OPERATOR	Borehole MD: 16900
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15709
API Well Number: 177004084400	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 95
Paleo Report Num: 2 of 4	Sample Range: 12490 - 16900	Water Depth: 36
Public Info Code: Y 27-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
12490 / 11808	DEF AT first sample examined	POS AT 4
12491 / 11809	DEF AT cement	POS AT 4
12820 / 12118	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
13091 / 12372	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13150 / 12427	DEF AT - - - - -	DEF AT 3
14560 / 13690	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
16900 / 15709	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 31-DEC-1991	First Sample Examined: 7000
Lease Number: G09386	Source of Paleo: OPERATOR	Borehole MD: 16900
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15709
API Well Number: 177004084400	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 95
Paleo Report Num: 3 of 4	Sample Range: 7000 - 13840	Water Depth: 36
Public Info Code: Y 27-JAN-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6772	DEF AT first sample examined	DEF AT
7180 / 6940	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
7870 / 7573	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
13450 / 12703	DEF AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
13840 / 13059	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 61	Date of Summary: 31-DEC-1991	First Sample Examined: 12490
Lease Number: G09386	Source of Paleo: OPERATOR	Borehole MD: 16900
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15709
API Well Number: 177004084400	Drilling Operator: BHP BILLITON PETROLEUM (AMERICAS) INC	Rkb Elevation: 95
Paleo Report Num: 4 of 4	Sample Range: 12490 - 16900	Water Depth: 36
Public Info Code: Y 27-JAN-2002	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for sidetrack

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12490 / 11808	DEF AT first sample examined	DEF AT
13480 / 12730	DEF AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
16900 / 15709	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 63	Date of Summary: 24-APR-2001	First Sample Examined: 9010
Lease Number: G17756	Source of Paleo: OPERATOR	Borehole MD: 15415
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15408
API Well Number: 177004108401	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 9010 - 15415	Water Depth: 37
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 12780=Cristellaria cf 47, species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 9003	DEF AT first sample examined	DEF AT 2
10120 / 10113	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12780 / 12773	DEF AT local marker (general)	DEF AT 3
13800 / 13793	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
15415 / 15408	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 63	Date of Summary: 25-APR-2001	First Sample Examined: 10000
Lease Number: G17756	Source of Paleo: OPERATOR	Borehole MD: 15415
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15408
API Well Number: 177004108401	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 10000 - 15415	Water Depth: 37
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9993	DEF AT first sample examined	DEF AT
10180 / 10173	DEF IN Lower Miocene (Burdigalian) Sphenolithus belemnoides	DEF AT
14280 / 14273	POS AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
15360 / 15353	POS AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT
15415 / 15408	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 80	Date of Summary: 01-JUL-1999	First Sample Examined: 0
Lease Number: G16113	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 19329
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19315
API Well Number: 177004095200	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9620 / 9619	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10880 / 10879	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11600 / 11599	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
14170 / 14168	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 92	Date of Summary: 29-JUN-1998	First Sample Examined: 0
Lease Number: G13829	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9945
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9683
API Well Number: 177004099100	Drilling Operator: ATP OIL & GAS CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 22-NOV-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9828 / 9574	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 94	Date of Summary: 07-FEB-1997	First Sample Examined: 0
Lease Number: G15054	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14175
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14172
API Well Number: 177004095000	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10080 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11400 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 96	Date of Summary: 14-APR-1998	First Sample Examined: 4520
Lease Number: G15055	Source of Paleo: OPERATOR	Borehole MD: 15545
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15105
API Well Number: 177004098800	Drilling Operator: KERR-MCGEE OIL & GAS CORPORATION	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 4520 - 14035	Water Depth: 40
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 / 4520	DEF AT first sample examined	DEF AT 2
4700 / 4700	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5540 / 5516	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6110 / 6030	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6380 / 6270	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7970 / 7708	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8090 / 7817	DEF AT faunal change (no faunal increase)	DEF AT 3
9110 / 8757	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11068 / 10636	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11780 / 11347	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
14035 / 13600	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 98	Date of Summary: 17-SEP-1992	First Sample Examined: 0
Lease Number: G12757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7969
API Well Number: 177004085600	Drilling Operator: HESS CORPORATION	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 15-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7014 / 6451	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8527 / 7414	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9140 / 7795	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 110	Date of Summary: 02-APR-1993	First Sample Examined: 0
Lease Number: 00081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11590
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 11081
API Well Number: 177004086300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 11-MAR-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 8935	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9930 / 9832	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11025 / 10670	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 114	Date of Summary: 25-JUL-2002	First Sample Examined: 14010
Lease Number: G17762	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15494
API Well Number: 177004113300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 14010 - 15500	Water Depth: 32
Public Info Code: Y 11-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14010 / 14007	DEF AT first sample examined	DEF AT 3
14579 / 14575	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
14580 / 14576	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
15500 / 15494	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 115	Date of Summary: 25-AUG-1997	First Sample Examined: 6500
Lease Number: G16118	Source of Paleo: OPERATOR	Borehole MD: 16062
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12956
API Well Number: 177004096800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 6500 - 14010	Water Depth: 40
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6288	DEF AT first sample examined	DEF AT 2
6501 / 6289	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
8600 / 7726	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8900 / 7934	DEF AT - - - - -	DEF AT 3
8990 / 7997	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
12020 / 10078	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12390 / 10347	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13560 / 11211	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13680 / 11299	DEF AT - - - - -	DEF AT 3
14010 / 11532	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 115	Date of Summary: 25-AUG-1997	First Sample Examined: 12330
Lease Number: G16118	Source of Paleo: OPERATOR	Borehole MD: 16062
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12956
API Well Number: 177004096800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 12330 - 16062	Water Depth: 40
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Bypass report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12330 / 10302	DEF AT first sample examined	DEF AT 3
12390 / 10347	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13500 / 11166	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13680 / 11299	DEF AT - - - - -	DEF AT 3
16062 / 12961	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 132	Date of Summary: 04-DEC-1996	First Sample Examined: 0
Lease Number: 00251	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11430
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 8901
API Well Number: 177004090300	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 15-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4763 / 4750	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5769 / 5543	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10094 / 8052	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 144	Date of Summary: 10-DEC-1997	First Sample Examined: 9723
Lease Number: G01953	Source of Paleo: OPERATOR	Borehole MD: 10218
Well Name: 012	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 9243
API Well Number: 177004098200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 115
Paleo Report Num: 1 of 2	Sample Range: 9723 - 10215	Water Depth: 46
Public Info Code: Y 01-MAR-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9723 /	DEF AT first sample examined	DEF AT
9724 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
10035 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
10215 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 144	Date of Summary: 12-DEC-1997	First Sample Examined: 9661
Lease Number: G01953	Source of Paleo: OPERATOR	Borehole MD: 10218
Well Name: 012	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 9243
API Well Number: 177004098200	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 9661 - 10245	Water Depth: 46
Public Info Code: Y 01-MAR-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9661 /	DEF AT first sample examined	DEF AT 2
9662 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
9851 /	DEF AT local marker foram increase	DEF IN 2
9945 /	DEF AT local marker foram increase	DEF AT 2
10215 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
10245 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 149	Date of Summary: 28-OCT-1992	First Sample Examined: 0
Lease Number: 00253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11960
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11948
API Well Number: 177004085900	Drilling Operator: MURPHY OIL USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 04-NOV-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4725 / 4725	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5379 / 5379	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7657 / 7656	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8043 / 8042	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9166 / 9163	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9384 / 9381	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10195 / 10191	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 157	Date of Summary: 27-MAR-1998	First Sample Examined: 4500
Lease Number: G17779	Source of Paleo: OPERATOR	Borehole MD: 15073
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14409
API Well Number: 177014030000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 4500 - 15073	Water Depth: 39
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT 2
4501 / 4501	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4830 / 4830	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5220 / 5220	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6210 / 6210	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6300 / 6300	DEF AT faunal change (no faunal increase)	DEF AT 3
7440 / 7439	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8280 / 8279	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8460 / 8459	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9240 / 9239	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10230 / 10228	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
12120 / 12013	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13350 / 13065	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
14130 / 13674	DEF AT faunal change (no faunal increase)	DEF AT 4
15073 / 14409	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 157	Date of Summary: 27-MAR-1998	First Sample Examined: 4500
Lease Number: G17779	Source of Paleo: OPERATOR	Borehole MD: 15073
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14409
API Well Number: 177014030000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 4500 - 15073	Water Depth: 39
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT
4830 / 4830	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
5820 / 5820	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
6870 / 6870	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
7770 / 7769	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
11370 / 11339	POS AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT
13410 / 13114	POS AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
15073 / 14409	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 161	Date of Summary: 13-SEP-2000	First Sample Examined: 0
Lease Number: G21053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11256
API Well Number: 177014031600	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 148
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9398 / 9133	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
11360 / 10434	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 161	Date of Summary: 13-SEP-2000	First Sample Examined: 0
Lease Number: G21053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14228
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12152
API Well Number: 177014031601	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 148
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 30-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13447 / 11710	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Area Block: WC 163	Date of Summary: 28-FEB-1995	First Sample Examined: 0
Lease Number: G05299	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14225
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12309
API Well Number: 177014027600	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 31-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7925 / 7665	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10600 / 9412	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11600 / 10049	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 164	Date of Summary: 10-JUL-2000	First Sample Examined: 0
Lease Number: G15075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10983
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10285
API Well Number: 177014031300	Drilling Operator: STONE ENERGY LLC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 05-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9140 / 8992	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
10705 / 10086	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 164	Date of Summary: 09-JAN-2001	First Sample Examined: 0
Lease Number: G15075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9802
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9801
API Well Number: 177014032600	Drilling Operator: TDC ENERGY CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 05-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8313 / 8313	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9671 / 9670	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 165	Date of Summary: 29-AUG-1991	First Sample Examined: 9600
Lease Number: 00758	Source of Paleo: OPERATOR	Borehole MD: 13400
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 13400
API Well Number: 177004082700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 4525 - 13400	Water Depth: 46
Public Info Code: Y 24-JAN-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9600 / 9599	DEF AT first sample examined	DEF AT 1
9990 / 9989	DEF AT -----	DEF AT 3
10120 / 10119	DEF AT -----	DEF AT 2
10200 / 10199	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
11070 / 11069	DEF AT -----	DEF AT 1
11310 / 11309	DEF AT -----	DEF AT 2
11610 / 11609	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
12000 / 11999	DEF AT -----	DEF AT 1
13400 / 13399	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 174	Date of Summary: 31-JUL-1998	First Sample Examined: 0
Lease Number: G17766	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14320
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13515
API Well Number: 177004099200	Drilling Operator: HOUSTON EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 30-JUN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5954 / 5954	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6290 / 6290	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7237 / 7236	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7844 / 7843	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8508 / 8507	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8990 / 8989	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9907 / 9905	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11310 / 11294	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11988 / 11894	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 181	Date of Summary: 18-AUG-1997	First Sample Examined: 12250
Lease Number: G01971	Source of Paleo: OPERATOR	Borehole MD: 15021
Well Name: CE012	Paleo Done By: OPERATOR	Borehole TVD: 15021
API Well Number: 177004094200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 12250 - 15021	Water Depth: 51
Public Info Code: Y 06-SEP-2003	Ecozone Eq MMS: N	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12250 /	DEF AT first sample examined	DEF AT
12790 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
13060 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaptera	DEF AT
14050 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15021 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 196	Date of Summary: 15-APR-1991	First Sample Examined: 9220
Lease Number: G05292	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15598
API Well Number: 177004082400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 9220 - 15600	Water Depth: 57
Public Info Code: Y 11-NOV-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9220 / 9220	DEF AT first sample examined	DEF AT 3
9221 / 9221	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9850 / 9850	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11320 / 11319	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11560 / 11559	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12040 / 12039	DEF AT - - - - -	DEF AT 4
12220 / 12219	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13300 / 13299	DEF AT - - - - -	DEF AT 3
13390 / 13389	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13600 / 13599	DEF AT - - - - -	DEF AT 4
15310 / 15308	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
15340 / 15338	DEF AT - - - - -	DEF AT 3
15600 / 15598	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 198	Date of Summary: 03-FEB-1994	First Sample Examined: 13220
Lease Number: G03265	Source of Paleo: OPERATOR	Borehole MD: 17189
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 16541
API Well Number: 177004088200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 151
Paleo Report Num: 1 of 1	Sample Range: 13220 - 17190	Water Depth: 55
Public Info Code: Y 12-JAN-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13220 / 12948	DEF AT first sample examined	DEF AT 2
13250 / 12975	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 2
13400 / 13110	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
14510 / 14024	DEF AT faunal change (no faunal increase)	DEF AT 3
14600 / 14103	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 3
14870 / 14345	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
15290 / 14727	DEF AT faunal change (no faunal increase)	DEF AT 2
15530 / 14951	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 2
17190 /	DEF AT last sample examined	DEF AT 2

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Area Block: WC 199	Date of Summary: 05-JAN-1996	First Sample Examined: 11000
Lease Number: G14319	Source of Paleo: OPERATOR	Borehole MD: 16176
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 16101
API Well Number: 177004092100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 11000 - 16160	Water Depth: 54
Public Info Code: Y 25-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 / 10999	DEF AT first sample examined	DEF AT 2
14090 / 14076	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
14900 / 14863	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
15200 / 15154	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
15230 / 15183	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
16160 / 16085	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

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Area Block: WC 201	Date of Summary: 24-AUG-2000	First Sample Examined: 0
Lease Number: G13833	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17650
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17645
API Well Number: 177004105800	Drilling Operator: PIONEER NATURAL RESOURCES USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 19-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6850 / 6850	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9650 / 9650	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
16080 / 16077	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 204	Date of Summary: 09-SEP-1998	First Sample Examined: 0
Lease Number: G15066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10439
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10400
API Well Number: 177004100500	Drilling Operator: NEWFIELD EXPLORATION GULF COAST LLC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 12-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5328 / 5290	DEF AT Upper (Late) Miocene	DEF AT
10052 / 10014	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 222	Date of Summary: 12-JAN-1994	First Sample Examined: 0
Lease Number: G03269	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6202
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6201
API Well Number: 177004088400	Drilling Operator: UMC PETROLEUM CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 09-JAN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 263	Date of Summary: 23-AUG-1996	First Sample Examined: 0
Lease Number: G15072	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9525
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9522
API Well Number: 177004094300	Drilling Operator: CAIRN ENERGY USA INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 11-APR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5260 / 5259	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7300 / 7298	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 270	Date of Summary: 15-JAN-1997	First Sample Examined: 10700
Lease Number: G15073	Source of Paleo: OPERATOR	Borehole MD: 14680
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 14051
API Well Number: 177004094100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10700 - 14680	Water Depth: 79
Public Info Code: Y 31-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
10700 / 10697	DEF AT first sample examined	DEF AT
10820 / 10817	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13620 / 13260	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
13770 / 13368	DEF IN Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
14680 / 14052	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 272	Date of Summary: 04-OCT-2001	First Sample Examined: 0
Lease Number: G17774	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6306
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6306
API Well Number: 177004111500	Drilling Operator: CALLON PETROLEUM OPERATING COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 77
Public Info Code: Y 31-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5840 / 5840	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 275	Date of Summary: 24-APR-1996	First Sample Examined: 8000
Lease Number: G14324	Source of Paleo: OPERATOR	Borehole MD: 14389
Well Name: JA001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 14064
API Well Number: 177004093300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 8000 - 14385	Water Depth: 79
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7990	DEF AT first sample examined	DEF AT 2
8001 / 7991	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
8030 / 8020	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8060 / 8049	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 2
8360 / 8348	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 2
8450 / 8437	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 2
9110 / 9095	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
9500 / 9476	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 2
10130 / 10084	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
10160 / 10113	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 2
10220 / 10169	DEF AT - - - - -	DEF AT 3
10250 / 10197	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 3
10340 / 10281	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 3
10460 / 10393	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF IN 3
10880 / 10779	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
11000 / 10889	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
11030 / 10916	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
11644 / 11479	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
11944 / 11755	POS AT Upper Miocene (Tortonian) Textularia 6	DEF IN 3
12124 / 11920	DEF AT - - - - -	DEF IN 2
12394 / 12165	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12546 / 12301	DEF AT - - - - -	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 275	Date of Summary: 24-APR-1996	First Sample Examined: 8000
Lease Number: G14324	Source of Paleo: OPERATOR	Borehole MD: 14389
Well Name: JA001	Paleo Done By: TOTAL BIOSTRATIGRPHIC SERVICES, INC.	Borehole TVD: 14064
API Well Number: 177004093300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 8000 - 14385	Water Depth: 79
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
12720 / 12461	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13110 / 12828	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13230 / 12942	DEF AT - - - - -	DEF IN 2
13520 / 13220	DEF AT - - - - -	DEF IN 2
13580 / 13279	DEF AT Arenaceous fauna (local marker)	DEF IN 2
13760 / 13454	DEF AT Bathysiphon fauna	DEF AT 3
13820 / 13512	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF IN 3
13910 / 13600	DEF AT - - - - -	DEF AT 3
14000 / 13688	DEF AT local marker foram increase	DEF AT 3
14150 / 13834	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 3
14210 / 13892	DEF AT - - - - -	DEF IN 2
14270 / 13949	DEF AT limestone	DEF IN 2
14360 / 14036	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 275	Date of Summary: 10-MAY-1996	First Sample Examined: 8000
Lease Number: G14324	Source of Paleo: OPERATOR	Borehole MD: 14389
Well Name: JA001	Paleo Done By: LAURALEE R. REUGGER	Borehole TVD: 14064
API Well Number: 177004093300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 2 of 3	Sample Range: 8000 - 14385	Water Depth: 79
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
8000 / 7990	DEF AT first sample examined	DEF AT
8001 / 7991	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
8240 / 8228	DEF AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT
8480 / 8467	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF AT
10610 / 10532	DEF AT Lower Pliocene (Zanclian) Discoaster challengeri	DEF AT
13820 / 13512	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
14180 / 13863	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "B"	DEF AT
14210 / 13892	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
14270 / 13949	DEF AT Upper Miocene (Tortonian) Minylitha convallis	DEF AT
14385 / 14060	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 275	Date of Summary: 03-JUL-1996	First Sample Examined: 8000
Lease Number: G14324	Source of Paleo: OPERATOR	Borehole MD: 14389
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 14064
API Well Number: 177004093300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 8000 - 14385	Water Depth: 79
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8000 / 7990	DEF AT first sample examined	DEF AT 2
8001 / 7991	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
8240 / 8228	POS AT Lower Pliocene (Zanclian) Sphenolithus verensis	DEF AT 2
8450 / 8437	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
8480 / 8467	DEF AT Lower Pliocene (Zanclian) Dictyococcites antarcticus	DEF IN 2
10160 / 10113	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
10250 / 10197	DEF AT Lower Pliocene (Zanclian) Sphenolithus grandis	DEF IN 3
10610 / 10532	DEF AT Lower Pliocene (Zanclian) Discoaster challengeri	DEF IN 3
11000 / 10889	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
14210 / 13892	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 2
14270 / 13949	POS AT Upper Miocene (Tortonian) Minylitha convallis	DEF IN 2
14385 / 14060	DEF AT last sample examined	DEF IN 2

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 275	Date of Summary: 10-APR-1998	First Sample Examined: 0
Lease Number: G14324	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11230
Well Name: JA002	Paleo Done By: OPERATOR	Borehole TVD: 10883
API Well Number: 177004094400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 79
Public Info Code: Y 11-JAN-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9194 / 8927	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
9820 / 9545	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10034 / 9753	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 277	Date of Summary: 13-JAN-1998	First Sample Examined: 4600
Lease Number: G04761	Source of Paleo: OPERATOR	Borehole MD: 14400
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14112
API Well Number: 177004095300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 4030 - 14404	Water Depth: 85
Public Info Code: Y 27-NOV-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF AT 1
8464 / 8462	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
11192 / 11186	DEF AT - - - - -	DEF IN 3
11849 / 11835	DEF AT - - - - -	DEF AT 3
13307 / 13181	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
13837 / 13635	DEF AT - - - - -	DEF AT 3
14400 / 14113	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 278	Date of Summary: 14-JAN-2000	First Sample Examined: 0
Lease Number: G19711	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14296
API Well Number: 177004101500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 31-MAY-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7128 / 7128	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10915 / 10914	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: WC 279	Date of Summary: 16-DEC-1994	First Sample Examined: 0
Lease Number: G03382	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18002
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17977
API Well Number: 177004089900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 07-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7614 / 7614	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11434 / 11430	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16760 / 16739	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 280	Date of Summary: 24-MAY-1999	First Sample Examined: 0
Lease Number: G15074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11502
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177004033101	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 27-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6484 / 6047	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7180 / 6573	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10620 / 9651	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 280	Date of Summary: 20-AUG-1999	First Sample Examined: 0
Lease Number: G15074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11324
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 10094
API Well Number: 177004034201	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 27-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6158 / 5804	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7104 / 6559	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10443 / 9335	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 280	Date of Summary: 29-MAY-1997	First Sample Examined: 0
Lease Number: G15074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9210
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 8152
API Well Number: 177004034501	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 27-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6426 / 5701	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7381 / 6408	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 280	Date of Summary: 23-DEC-1997	First Sample Examined: 0
Lease Number: G15074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15819
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 8384
API Well Number: 177004034604	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 98
Public Info Code: Y 27-MAR-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8368 / 5690	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10772 / 6482	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
15649 / 8284	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Area Block: WC 285	Date of Summary: 07-FEB-1990	First Sample Examined: 4000
Lease Number: G10566	Source of Paleo: OPERATOR	Borehole MD: 7762
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6676
API Well Number: 177004080200	Drilling Operator: ADOBE OIL & GAS CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7768	Water Depth: 109
Public Info Code: Y 29-FEB-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3669	DEF AT first sample examined	DEF IN 2
6250 / 5456	DEF AT - - - - -	DEF AT 3
6310 / 5504	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7060 / 6113	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7768 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 285	Date of Summary: 16-SEP-1991	First Sample Examined: 0
Lease Number: G10566	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5828
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 4406
API Well Number: 177004081100	Drilling Operator: ADOBE OIL & GAS CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 109
Public Info Code: Y 20-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5344 / 4091	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Area Block: WC 291	Date of Summary: 14-OCT-1998	First Sample Examined: 0
Lease Number: G04397	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14625
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12631
API Well Number: 177014030300	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 29-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11299 / 10528	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
12435 / 11242	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14107 / 12326	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 292	Date of Summary: 06-DEC-1996	First Sample Examined: 0
Lease Number: G06581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20296
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 20249
API Well Number: 177014026600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 20-FEB-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5674 / 5674	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6612 / 6612	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
7857 / 7857	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8451 / 8451	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9293 / 9293	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
10085 / 10085	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10393 / 10393	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10961 / 10961	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
12526 / 12525	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15155 / 15152	DEF IN local marker benthic foram increase	DEF AT
19104 / 19083	DEF IN local marker benthic foram increase	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 293	Date of Summary: 17-MAY-1991	First Sample Examined: 8690
Lease Number: G04398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12173
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177014024400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4070 - 11360	Water Depth: 55
Public Info Code: Y 21-MAY-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8989	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9530 / 9524	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10010 / 9988	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 294	Date of Summary: 09-SEP-1993	First Sample Examined: 0
Lease Number: G04090	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10661
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10330
API Well Number: 177014026300	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 02-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8995 / 8979	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9638 / 9540	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 297	Date of Summary: 05-SEP-2000	First Sample Examined: 0
Lease Number: G15077	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10250
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10249
API Well Number: 177014031700	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 27-FEB-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7450 / 7450	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9564 / 9563	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 306	Date of Summary: 13-JAN-1999	First Sample Examined: 0
Lease Number: G10572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12015
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12003
API Well Number: 177014030700	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 149
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 28-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6330 / 6329	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7170 / 7169	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7920 / 7918	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8580 / 8575	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8880 / 8874	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9330 / 9323	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10430 / 10422	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 306	Date of Summary: 04-JUN-1998	First Sample Examined: 0
Lease Number: G10572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7580
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7580
API Well Number: 177014027000	Drilling Operator: KING RANCH OIL AND GAS INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 28-OCT-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6915 / 6915	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 311	Date of Summary: 11-JUL-1996	First Sample Examined: 0
Lease Number: G15079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12205
API Well Number: 177014029000	Drilling Operator: IP PETROLEUM COMPANY INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7480	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9370 / 9369	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9920 / 9908	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12090 / 11606	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 312	Date of Summary: 17-FEB-1995	First Sample Examined: 0
Lease Number: G07613	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8492
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8028
API Well Number: 177014026200	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 27-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7136	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 312	Date of Summary: 11-APR-2001	First Sample Examined: 0
Lease Number: G07613	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9420
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 177014026201	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 05-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9272 / 7781	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 365	Date of Summary: 06-NOV-1996	First Sample Examined: 4515
Lease Number: G15084	Source of Paleo: OPERATOR	Borehole MD: 14852
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14842
API Well Number: 177014029200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4515 - 14850	Water Depth: 75
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4514 / 4514	DEF AT first sample examined	DEF AT 1
5100 / 5100	DEF AT - - - - -	DEF AT 2
5130 / 5130	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6180 / 6180	DEF AT - - - - -	DEF AT 3
6330 / 6330	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8280 / 8280	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9090 / 9090	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9970 / 9969	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
10810 / 10809	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12510 / 12506	DEF AT - - - - -	DEF AT 5
12690 / 12686	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13980 / 13972	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
14850 / 14840	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 365	Date of Summary: 06-NOV-1996	First Sample Examined: 10930
Lease Number: G15084	Source of Paleo: OPERATOR	Borehole MD: 14852
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14842
API Well Number: 177014029200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 10930 - 14850	Water Depth: 75
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10930 / 10929	DEF AT first sample examined	DEF AT
11260 / 11258	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
12240 / 12237	POS AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12630 / 12626	DEF AT Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT
12720 / 12716	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
12960 / 12955	DEF AT Upper Miocene (Tortonian) Catinaster mexicanus	DEF AT
13980 / 13972	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
14130 / 14122	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
14490 / 14481	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
14850 / 14840	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-2004

Area Block: WC 368	Date of Summary: 22-JUN-1990	First Sample Examined: 8610
Lease Number: G05315	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10149
API Well Number: 177014023500	Drilling Operator: CENTURY OFFSHORE MANAGEMENT	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8610 - 12000	Water Depth: 71
Public Info Code: Y 07-JUL-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 / 7974	DEF AT first sample examined	DEF IN 3
8790 / 8080	DEF AT Eggerella sp. (local marker)	DEF IN 3
9000 / 8209	DEF AT - - - -	DEF AT 4
9090 / 8266	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9210 / 8343	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9410 / 8475	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9750 / 8697	DEF AT local marker foram decrease	DEF AT 4
9810 / 8736	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10020 / 8871	DEF AT local marker benthic foram increase	DEF AT 4
10230 / 9003	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
10410 / 9116	DEF AT local marker foram decrease	DEF AT 4
10470 / 9154	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10650 / 9267	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10770 / 9344	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12000 / 10149	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 401	Date of Summary: 11-JUL-2000	First Sample Examined: 0
Lease Number: G07619	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7261
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7261
API Well Number: 177014023600	Drilling Operator: NEWFIELD EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 14-JUL-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3225 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6035 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: WC 407	Date of Summary: 29-JAN-1999	First Sample Examined: 4050
Lease Number: G15089	Source of Paleo: OPERATOR	Borehole MD: 9606
Well Name: A001	Paleo Done By: PALEO SOURCE	Borehole TVD: 8137
API Well Number: 177014030600	Drilling Operator: NIPPON OIL EXPLORATION U S A	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4050 - 9600	Water Depth: 93
Public Info Code: Y 22-DEC-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, foram and nannofossil species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 4050	DEF AT first sample examined	DEF AT 1
4051 / 4051	DEF AT shell fragments	DEF AT 1
4052 / 4052	DEF AT sand	DEF AT 1
4053 / 4053	DEF AT pyrite	DEF AT 1
4260 / 4260	DEF AT - - - - -	DEF IN 1
4560 / 4560	DEF AT sand	DEF AT 1
5340 / 5338	DEF AT - - - - -	DEF AT 2
5670 / 5658	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6030 / 5991	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
6120 / 6071	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
6121 / 6072	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF IN 3
6840 / 6636	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
7350 / 7010	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
8100 / 7399	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9179 / 7868	DEF AT unconformity	POS AT 4
9180 / 7868	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 4
9480 / 8053	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 4
9570 / 8112	DEF AT reworked material	DEF AT
9571 / 8113	POS AT Middle Miocene	DEF AT
9600 / 8132	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 408	Date of Summary: 27-FEB-1990	First Sample Examined: 0
Lease Number: G10580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8581
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8580
API Well Number: 177014022800	Drilling Operator: ENRON CORP	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 01-MAR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2100 / 2100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4800 / 4800	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5640 / 5640	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

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Area Block: WC 408	Date of Summary: 19-DEC-1991	First Sample Examined: 200
Lease Number: G10580	Source of Paleo: OPERATOR	Borehole MD: 8791
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7052
API Well Number: 177014025200	Drilling Operator: ENRON CORP	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 200 - 8780	Water Depth: 100
Public Info Code: Y 13-DEC-2000	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
200 / 200	DEF AT first sample examined	POS IN 2
1490 / 1490	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5210 / 4681	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
5990 / 5178	DEF AT - - - - -	DEF AT 3
6140 / 5276	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7910 / 6452	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	POS AT 4
8780 / 7044	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 455	Date of Summary: 11-JUN-2001	First Sample Examined: 0
Lease Number: G19720	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9816
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8126
API Well Number: 177024128100	Drilling Operator: CALLON PETROLEUM OPERATING COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 115
Public Info Code: Y 31-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4416 / 3998	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8703 / 7278	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9427 / 7831	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 473	Date of Summary: 15-JAN-1997	First Sample Examined: 0
Lease Number: G15095	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6570
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6570
API Well Number: 177024111300	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 27-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 6370	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 490	Date of Summary: 10-MAR-1997	First Sample Examined: 0
Lease Number: G16194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 177024114300	Drilling Operator: ASHLAND EXPLORATION HOLDINGS INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 04-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6251 / 6251	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7130 / 7130	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 492	Date of Summary: 19-APR-2001	First Sample Examined: 0
Lease Number: G16191	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7360
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7360
API Well Number: 177024127800	Drilling Operator: LLOG EXPLORATION OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 137
Public Info Code: Y 09-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5534 / 4250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 492	Date of Summary: 20-JAN-1998	First Sample Examined: 3180
Lease Number: G16195	Source of Paleo: OPERATOR	Borehole MD: 6645
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6056
API Well Number: 177024118500	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 3180 - 6640	Water Depth: 142
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3180 / 2989	DEF AT first sample examined	DEF AT
3310 / 3101	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4150 / 3831	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4330 / 3991	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
4720 / 4340	POS AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
6370 / 5811	POS AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6640 / 6051	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 492	Date of Summary: 22-JAN-1998	First Sample Examined: 3180
Lease Number: G16195	Source of Paleo: OPERATOR	Borehole MD: 6645
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6056
API Well Number: 177024118500	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 3180 - 6640	Water Depth: 142
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 / 2989	DEF AT first sample examined	DEF AT 1
3940 / 3645	DEF AT faunal change (no faunal increase)	DEF AT 2
4660 / 4286	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4780 / 4394	DEF AT faunal change (no faunal increase)	POS AT 3
5590 / 5120	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6640 / 6051	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 492	Date of Summary: 14-JAN-1998	First Sample Examined: 0
Lease Number: G16195	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6550
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5815
API Well Number: 177024118100	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 142
Public Info Code: Y 31-JUL-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3599	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4730 / 4338	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5570 / 5009	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 498	Date of Summary: 29-AUG-2002	First Sample Examined: 0
Lease Number: G15105	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11313
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 10302
API Well Number: 177024126200	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 26-JAN-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1655 / 1651	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4800 / 4474	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8190 / 7504	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10140 / 9257	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10680 / 9733	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10860 / 9893	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11070 / 10083	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 505	Date of Summary: 04-DEC-1998	First Sample Examined: 0
Lease Number: G16200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10172
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10084
API Well Number: 177024121700	Drilling Operator: LLOG EXPLORATION OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 133
Public Info Code: Y 07-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4190 / 4190	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9950 / 9525	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 505	Date of Summary: 14-JUN-2001	First Sample Examined: 0
Lease Number: G16200	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10182
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9162
API Well Number: 177024128502	Drilling Operator: HESS CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 07-SEP-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5546 / 5541	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 507	Date of Summary: 20-JAN-1995	First Sample Examined: 0
Lease Number: G02549	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15275
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177024099000	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 148
Public Info Code: Y 07-SEP-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13950 / 11691	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
14970 / 12613	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
15050 / 12690	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 521	Date of Summary: 15-DEC-1995	First Sample Examined: 3350
Lease Number: G15107	Source of Paleo: OPERATOR	Borehole MD: 4742
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4742
API Well Number: 177024110300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3350 - 4742	Water Depth: 185
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3350	DEF AT first sample examined	DEF AT 2
3680 / 3680	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3740 / 3740	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
4160 / 4160	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
4250 / 4250	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
4728 / 4728	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4729 / 4729	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
4730 / 4730	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4742 / 4742	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 521	Date of Summary: 10-DEC-1995	First Sample Examined: 4170
Lease Number: G15107	Source of Paleo: OPERATOR	Borehole MD: 10271
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8707
API Well Number: 177024110400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4170 - 10270	Water Depth: 177
Public Info Code: Y 26-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4000	DEF AT first sample examined	DEF IN 3
4300 / 4122	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6100 / 5791	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
9610 / 8319	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10270 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 526	Date of Summary: 20-JUN-2001	First Sample Examined: 0
Lease Number: G15108	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15842
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13587
API Well Number: 177024125300	Drilling Operator: EL PASO EXPLORATION & PRODUCTION MANAGEMEN	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7663 / 7663	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10857 / 10634	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11582 / 11105	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13304 / 12114	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 542	Date of Summary: 12-DEC-1995	First Sample Examined: 0
Lease Number: G03970	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 9939
API Well Number: 177024109300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 23-MAY-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7853 / 7166	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10031 / 9117	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 544	Date of Summary: 05-SEP-1995	First Sample Examined: 0
Lease Number: G14342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9445
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8320
API Well Number: 177024107100	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 18-OCT-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2720 / 2719	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4575 / 4518	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8795 / 7839	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 544	Date of Summary: 23-SEP-1997	First Sample Examined: 0
Lease Number: G14342	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8506
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8023
API Well Number: 177024107700	Drilling Operator: PETSEC ENERGY INC	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 181
Public Info Code: Y 18-NOV-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2720 / 2719	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4630 / 4590	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7900 / 7481	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 552	Date of Summary: 19-MAY-1998	First Sample Examined: 0
Lease Number: G13850	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10300
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9750
API Well Number: 177024106200	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 01-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1810 / 1810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6850 / 6770	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7690 / 7487	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8012 / 7765	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 554	Date of Summary: 28-NOV-1990	First Sample Examined: 9770
Lease Number: G07629	Source of Paleo: OPERATOR	Borehole MD: 14328
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13177
API Well Number: 177024100600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 9770 - 14150	Water Depth: 194
Public Info Code: Y 20-DEC-2000	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9770 / 9136	DEF AT first sample examined	DEF IN 3
11900 / 11087	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
13640 / 12722	DEF AT local marker planktic foram increase	DEF AT 4
14150 / 13209	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 554	Date of Summary: 28-NOV-1990	First Sample Examined: 9770
Lease Number: G07629	Source of Paleo: OPERATOR	Borehole MD: 14328
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13177
API Well Number: 177024100600	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 9770 - 14150	Water Depth: 194
Public Info Code: Y 20-DEC-2000	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9770 / 9136	DEF AT first sample examined	DEF AT
9771 / 9137	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
14150 / 13209	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 554	Date of Summary: 04-JAN-1993	First Sample Examined: 9000
Lease Number: G07629	Source of Paleo: OPERATOR	Borehole MD: 14601
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11750
API Well Number: 177024103900	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 120
Paleo Report Num: 1 of 2	Sample Range: 9000 - 14580	Water Depth: 194
Public Info Code: Y 01-JAN-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, samples examined at 90' intervals, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7268	DEF AT first sample examined	DEF AT
9001 / 7269	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
14580 / 11731	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 554	Date of Summary: 05-JAN-1993	First Sample Examined: 9000
Lease Number: G07629	Source of Paleo: OPERATOR	Borehole MD: 14601
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11750
API Well Number: 177024103900	Drilling Operator: LLECO HOLDINGS INC.	Rkb Elevation: 120
Paleo Report Num: 2 of 2	Sample Range: 9000 - 14610	Water Depth: 194
Public Info Code: Y 01-JAN-2003	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7268	DEF AT first sample examined	DEF AT 3
9510 / 7673	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
12840 / 10276	DEF AT Eggerella 3 (local marker)	DEF IN 3
12930 / 10350	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
13020 / 10425	DEF AT Bathysiphon fauna	DEF AT 4
14610 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 557	Date of Summary: 28-APR-1992	First Sample Examined: 0
Lease Number: G05391	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16335
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 15068
API Well Number: 177024103100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 25-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11730 / 10916	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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End Date: 31-DEC-2004

Area Block: WC 564	Date of Summary: 02-AUG-1997	First Sample Examined: 4020
Lease Number: G24767	Source of Paleo: OPERATOR	Borehole MD: 9944
Well Name: CA012	Paleo Done By: OPERATOR	Borehole TVD: 6697
API Well Number: 177024113600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 4020 - 9944	Water Depth: 185
Public Info Code: Y 04-OCT-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4020 / 3522	DEF AT first sample examined	DEF AT 1
5970 / 4521	DEF AT faunal change (no faunal increase)	DEF AT 3
6000 / 4537	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6600 / 4867	DEF AT faunal change (no faunal increase)	DEF AT 4
6960 / 5073	DEF AT faunal change (no faunal increase)	DEF AT 3
8730 / 6074	DEF AT faunal change (no faunal increase)	DEF AT 4
9944 / 6701	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 567	Date of Summary: 07-AUG-1998	First Sample Examined: 0
Lease Number: G15115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7212
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7212
API Well Number: 177024120900	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 204
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 567	Date of Summary: 10-SEP-1998	First Sample Examined: 0
Lease Number: G15115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7675
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7675
API Well Number: 177024121100	Drilling Operator: APACHE CORPORATION	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 31-AUG-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6155 / 6155	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 576	Date of Summary: 22-SEP-1978	First Sample Examined: 990
Lease Number: G02019	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10090
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 10090
API Well Number: 177024003700	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 990 - 10120	Water Depth: 201
Public Info Code: Y 28-APR-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
990 /	DEF AT first sample examined	DEF IN 2
1510 /	POS IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
1750 /	DEF AT local marker foram increase	DEF AT 3
1830 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
4890 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5255 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5345 /	DEF AT local marker benthic foram increase	DEF AT 4
5966 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9353 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9525 /	DEF AT local marker deep water fauna	DEF AT 5
9829 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10120 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-2004

Area Block: WC 579	Date of Summary: 01-APR-1997	First Sample Examined: 0
Lease Number: G16208	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15104
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15097
API Well Number: 177024114200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6640 / 6640	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8620 / 8618	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 581	Date of Summary: 21-AUG-1998	First Sample Examined: 0
Lease Number: G15117	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16335
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16053
API Well Number: 177024119100	Drilling Operator: PENNZOIL EXPLORATION AND PRODUCTION COMPAN	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 247
Public Info Code: Y 30-JUN-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 / 12989	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
15480 / 15326	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 603	Date of Summary: 17-JAN-1997	First Sample Examined: 0
Lease Number: G16215	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15121
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15103
API Well Number: 177024113400	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 283
Public Info Code: Y 31-AUG-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10380 / 10379	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
13020 / 13015	POS AT Pliocene	DEF AT
13067 / 13062	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 613	Date of Summary: 02-FEB-2001	First Sample Examined: 0
Lease Number: G16218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13632
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12570
API Well Number: 177024126702	Drilling Operator: WESTPORT OIL AND GAS COMPANY LP	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 284
Public Info Code: Y 01-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5428 / 5428	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8580 / 8512	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
11384 / 10909	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 613	Date of Summary: 02-FEB-2001	First Sample Examined: 0
Lease Number: G21059	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13005
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13005
API Well Number: 177024124600	Drilling Operator: WESTPORT OIL AND GAS COMPANY LP	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 27-DEC-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8190 / 8190	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10590 / 10589	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12930 / 12925	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 614	Date of Summary: 09-MAY-1997	First Sample Examined: 0
Lease Number: G16218	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7505
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7503
API Well Number: 177024115400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 01-MAY-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4270 / 4269	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6500 / 6499	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 19-JUN-1996	First Sample Examined: 4020
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 14603
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11440
API Well Number: 177024111800	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4020 - 14603	Water Depth: 305
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	POS AT 3
5520 / 5520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
14603 / 11440	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 19-JUN-1996	First Sample Examined: 4020
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 14603
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11440
API Well Number: 177024111800	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 4020 - 14603	Water Depth: 305
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	DEF AT
4200 / 4200	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
4980 / 4980	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
6990 / 6954	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
14603 / 11440	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 3500
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 1 of 8	Sample Range: 3500 - 11750	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF AT 3
6140 / 6122	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
11750 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10100
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 2 of 8	Sample Range: 10100 - 11570	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Bypass 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9279	DEF AT first sample examined	DEF AT 3
11570 / 10158	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10970
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 3 of 8	Sample Range: 10970 - 12050	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Bypass 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 / 9813	DEF AT first sample examined	DEF AT 3
12050 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10970
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 4 of 8	Sample Range: 10970 - 12270	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Bypass 3 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 / 9813	DEF AT first sample examined	DEF AT 3
12270 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 3500
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 5 of 8	Sample Range: 3500 - 11750	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 006

Remark: Original hole nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF AT
3501 / 3501	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
7370 / 7317	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
11750 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10100
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 6 of 8	Sample Range: 10100 - 11570	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 007

Remark: Calcareous nannofossil report for bypass 1, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9279	DEF AT first sample examined	DEF AT
11570 / 10158	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10970
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 7 of 8	Sample Range: 10970 - 12080	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 008

Remark: Calcareous nannofossil report for bypass 2, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 / 9813	DEF AT first sample examined	DEF AT
12080 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 02-DEC-1997	First Sample Examined: 10970
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 11721
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10246
API Well Number: 177024117300	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 8 of 8	Sample Range: 10970 - 12270	Water Depth: 300
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 009

Remark: Bypass 3 calcareous nannofossil report, no diagnostic coccolith markers noted, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 / 9813	DEF AT first sample examined	DEF AT
12270 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 15-JAN-1998	First Sample Examined: 10010
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 12768
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11121
API Well Number: 177024118000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 10010 - 12768	Water Depth: 297
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9098	DEF AT first sample examined	DEF AT 2
10011 / 9099	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
12768 /	DEF AT last sample examined	DEF AT 2

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End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 15-JAN-1998	First Sample Examined: 10010
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 12768
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11121
API Well Number: 177024118000	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 10010 - 12768	Water Depth: 297
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9098	DEF AT first sample examined	DEF AT
10011 / 9099	DEF IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
12768 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 06-MAR-1998	First Sample Examined: 8010
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 15678
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10771
API Well Number: 177024119200	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 8010 - 15676	Water Depth: 297
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6282	DEF AT first sample examined	DEF AT 3
8011 / 6283	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
15676 / 10771	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 616	Date of Summary: 06-MAR-1998	First Sample Examined: 8010
Lease Number: G12808	Source of Paleo: OPERATOR	Borehole MD: 15678
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10771
API Well Number: 177024119200	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 8010 - 15676	Water Depth: 297
Public Info Code: Y 14-SEP-2002	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6282	DEF AT first sample examined	DEF AT
8011 / 6283	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
9540 / 7159	POS IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
15676 / 10771	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 631	Date of Summary: 28-APR-1997	First Sample Examined: 5000
Lease Number: G15120	Source of Paleo: OPERATOR	Borehole MD: 15691
Well Name: 002	Paleo Done By: THOMAS REILLY	Borehole TVD: 14618
API Well Number: 177024114900	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 5000 - 15691	Water Depth: 330
Public Info Code: Y 10-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 5000	DEF AT first sample examined	DEF AT 3
5001 / 5001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6080 / 6079	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
9470 / 9464	DEF AT Eggerella sp. (local marker)	DEF AT 4
13370 / 12628	DEF AT local marker foram increase	DEF AT 4
14210 / 13300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
15691 / 14618	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 631	Date of Summary: 03-MAY-2001	First Sample Examined: 0
Lease Number: G15120	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12526
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11006
API Well Number: 177024115200	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 325
Public Info Code: Y 10-OCT-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11700 / 10320	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12495 / 10979	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WC 661	Date of Summary: 21-AUG-1997	First Sample Examined: 0
Lease Number: G16221	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12859
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10416
API Well Number: 177024115700	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 462
Public Info Code: Y 30-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3540 / 3540	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
11170 / 8738	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 17	Date of Summary: 29-DEC-1994	First Sample Examined: 0
Lease Number: G05668	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15515
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15513
API Well Number: 177194059500	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 10-JUL-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14985 / 14982	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 27	Date of Summary: 03-FEB-1994	First Sample Examined: 7000
Lease Number: G04473	Source of Paleo: OPERATOR	Borehole MD: 14791
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 12594
API Well Number: 177194056500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 7000 - 14791	Water Depth: 35
Public Info Code: Y 11-DEC-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
7000 / 6435	DEF AT first sample examined	DEF AT 1
8020 / 7263	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9460 / 8397	DEF AT - - - - -	DEF AT 3
10720 / 9310	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 3
14490 / 12326	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 3
14791 / 12595	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 28	Date of Summary: 29-AUG-1991	First Sample Examined: 6010
Lease Number: 00384	Source of Paleo: OPERATOR	Borehole MD: 9639
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 9260
API Well Number: 177194053400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9633	Water Depth: 35
Public Info Code: Y 07-MAR-2001	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 / 6009	DEF AT first sample examined	DEF AT 1
6880 / 6879	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 1
7480 / 7476	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 1
7570 / 7564	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
9250 / 8954	DEF AT - - - - -	DEF IN 2
9430 / 9095	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 2
9633 / 9255	DEF AT last sample examined	DEF IN 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

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Area Block: WD 29	Date of Summary: 11-AUG-1994	First Sample Examined: 7135
Lease Number: 00385	Source of Paleo: OPERATOR	Borehole MD: 7675
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 6972
API Well Number: 177190009802	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 7135 - 7625	Water Depth: 40
Public Info Code: Y 31-MAR-2004	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7135 / 6487	DEF AT first sample examined	DEF AT 1
7190 / 6537	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 1
7280 / 6619	DEF AT - - - -	DEF AT 2
7370 / 6700	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7625 / 6934	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 43	Date of Summary: 04-OCT-2001	First Sample Examined: 0
Lease Number: G16471	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10797
API Well Number: 177194070600	Drilling Operator: VASTAR RESOURCES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 27-AUG-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5132 / 5132	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9154 / 9141	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

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Area Block: WD 57	Date of Summary: 23-JAN-2001	First Sample Examined: 0
Lease Number: G10878	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16436
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16434
API Well Number: 177194056000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 09-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10515 / 10515	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Area Block: WD 60	Date of Summary: 08-NOV-1999	First Sample Examined: 0
Lease Number: G15362	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13999
API Well Number: 177194062900	Drilling Operator: TANA OIL AND GAS CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 16-APR-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11090 / 11089	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
13410 / 13409	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

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Area Block: WD 70	Date of Summary: 23-APR-1990	First Sample Examined: 0
Lease Number: 00182	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13150
Well Name: H003	Paleo Done By: OPERATOR	Borehole TVD: 12861
API Well Number: 177190091201	Drilling Operator: CONOCO INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 146
Public Info Code: Y 15-APR-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12133 / 11849	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Area Block: WD 75	Date of Summary: 23-NOV-1993	First Sample Examined: 0
Lease Number: G01085	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9768
Well Name: G003	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177194057300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 17-DEC-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8860 / 7594	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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End Date: 31-DEC-2004

Area Block: WD 75	Date of Summary: 13-MAY-1994	First Sample Examined: 0
Lease Number: G01085	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14560
Well Name: H002	Paleo Done By: OPERATOR	Borehole TVD: 13468
API Well Number: 177194057600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 31-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8708 / 8707	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
9092 / 9090	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10226 / 10189	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12189 / 11789	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Area Block: WD 78	Date of Summary: 22-SEP-2000	First Sample Examined: 0
Lease Number: G16478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17319
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17223
API Well Number: 177194064802	Drilling Operator: SENECA RESOURCES CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 19-JUN-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15688 / 15561	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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End Date: 31-DEC-2004

Area Block: WD 97	Date of Summary: 04-DEC-1991	First Sample Examined: 0
Lease Number: G08457	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14060
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14060
API Well Number: 177194052500	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 27-DEC-2000	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4523 / 4523	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12488 / 12487	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Area Block: WD 97	Date of Summary: 05-MAY-1992	First Sample Examined: 0
Lease Number: G08457	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13555
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13329
API Well Number: 177194054300	Drilling Operator: EL PASO PRODUCTION GOM INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 02-SEP-2001	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4527 / 4526	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12620 / 12449	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Area Block: WD 98	Date of Summary: 01-SEP-1994	First Sample Examined: 0
Lease Number: G09690	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17945
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16003
API Well Number: 177194058700	Drilling Operator: PG&E RESOURCES OFFSHORE CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 17-AUG-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7270 / 7270	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12580 / 12142	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
16120 / 14627	DEF AT local marker planktic foram increase	DEF AT
16900 / 15220	DEF AT local marker benthic foram increase	DEF AT

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End Date: 31-DEC-2004

Area Block: WD 103	Date of Summary: 19-MAY-1994	First Sample Examined: 0
Lease Number: G01089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14636
Well Name: F004	Paleo Done By: OPERATOR	Borehole TVD: 14100
API Well Number: 177194057700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 16-MAR-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12245 / 12062	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
12670 / 12435	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Area Block: WD 103	Date of Summary: 01-JUL-1994	First Sample Examined: 0
Lease Number: G01089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14136
Well Name: F006	Paleo Done By: OPERATOR	Borehole TVD: 13300
API Well Number: 177194058601	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 131
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 25-JUN-2004	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 / 12360	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Area Block: WD 103	Date of Summary: 15-JUL-1992	First Sample Examined: 0
Lease Number: G12360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14060
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 13189
API Well Number: 177194054800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 03-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
4900 / 4900	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
6320 / 6312	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10600 / 10019	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
11650 / 10914	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT
13250 / 12394	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
13650 / 12786	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Area Block: WD 106	Date of Summary: 10-JUL-1992	First Sample Examined: 0
Lease Number: G08735	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15340
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13726
API Well Number: 177194054900	Drilling Operator: FREEPORT MCMORAN INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 02-JUL-2002	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8130 / 8127	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13620 / 12457	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14310 / 12947	POS AT Cyclammina cancellata (local marker)	DEF AT

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Area Block: WD 117	Date of Summary: 03-FEB-1994	First Sample Examined: 5015
Lease Number: G01101	Source of Paleo: OPERATOR	Borehole MD: 13369
Well Name: G023	Paleo Done By: OPERATOR	Borehole TVD: 12860
API Well Number: 177204013500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5015 - 13263	Water Depth: 212
Public Info Code: Y 15-MAY-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5015 / 5014	DEF AT first sample examined	DEF AT 1
5016 / 5015	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
5465 / 5464	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 1
6530 / 6526	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7790 / 7735	DEF AT - - - - -	DEF AT 3
8240 / 8163	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
13260 / 12760	DEF AT last sample examined	DEF AT 3

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Area Block: WD 117	Date of Summary: 03-FEB-1994	First Sample Examined: 5048
Lease Number: G09690	Source of Paleo: OPERATOR	Borehole MD: 13715
Well Name: G020	Paleo Done By: OPERATOR	Borehole TVD: 12857
API Well Number: 177204013300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 5048 - 13716	Water Depth: 212
Public Info Code: Y 02-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
5048 / 5010	DEF AT first sample examined	DEF AT 1
5220 / 5163	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5550 / 5456	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 1
6750 / 6539	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8100 / 7771	DEF AT - - - - -	DEF AT 2
8790 / 8391	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 2
10170 / 9627	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 2
10290 / 9735	DEF AT - - - - -	DEF AT 1
12000 / 11274	DEF AT - - - - -	DEF AT 2
13716 /	DEF AT last sample examined	DEF AT 2

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Area Block: WD 128	Date of Summary: 10-SEP-1993	First Sample Examined: 6000
Lease Number: G10883	Source of Paleo: OPERATOR	Borehole MD: 16043
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16011
API Well Number: 177204013400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 3	Sample Range: 6000 - 8130	Water Depth: 390
Public Info Code: Y 13-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5998	DEF AT first sample examined	DEF AT
6210 / 6208	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6870 / 6868	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8130 / 8127	DEF AT last sample examined	DEF AT

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Area Block: WD 128	Date of Summary: 10-SEP-1993	First Sample Examined: 6020
Lease Number: G10883	Source of Paleo: OPERATOR	Borehole MD: 16043
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16011
API Well Number: 177204013400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 6020 - 15080	Water Depth: 390
Public Info Code: Y 13-JUL-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: First redrill report, consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 6018	DEF AT first sample examined	DEF AT
6650 / 6648	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10970 / 10964	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
11750 / 11743	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11960 / 11952	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
12830 / 12821	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15080 / 15053	DEF AT last sample examined	DEF AT

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Area Block: WD 128	Date of Summary: 10-SEP-1993	First Sample Examined: 13490
Lease Number: G10883	Source of Paleo: OPERATOR	Borehole MD: 16043
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16011
API Well Number: 177204013400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 13490 - 16043	Water Depth: 390
Public Info Code: Y 13-JUL-2003	Ecozone Eq MMS:	Paleo ID: 003

Remark: Second redrill report, consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13490 / 13479	DEF AT first sample examined	DEF AT
13491 / 13480	DEF AT cement	DEF AT
14540 / 14517	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
15410 / 15381	DEF AT local marker foram increase	DEF AT
16003 / 15971	DEF AT salt	DEF AT
16043 / 16011	DEF AT last sample examined	DEF AT

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Area Block: WD 128	Date of Summary: 10-SEP-1993	First Sample Examined: 15470
Lease Number: G10883	Source of Paleo: OPERATOR	Borehole MD: 16453
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16356
API Well Number: 177204013401	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 15470 - 16453	Water Depth: 390
Public Info Code: Y 24-JUL-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15470 / 15441	DEF AT first sample examined	DEF AT
15500 / 15470	POS IN Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
16160 / 16089	POS IN Upper Miocene (Messinian) Sphenolithus abies (giant)	DEF AT
16340 / 16253	DEF AT salt	DEF AT
16453 / 16357	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 128	Date of Summary: 10-SEP-1993	First Sample Examined: 12440
Lease Number: G10883	Source of Paleo: OPERATOR	Borehole MD: 19589
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 19173
API Well Number: 177204013402	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 12440 - 19580	Water Depth: 390
Public Info Code: Y 30-SEP-2003	Ecozone Eq MMS:	Paleo ID: 001

Remark: Consultant-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12440 / 12431	DEF AT first sample examined	DEF AT
12441 / 12432	DEF AT cement	DEF AT
13070 / 13047	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15050 / 14930	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
16100 / 15918	DEF AT local marker foram increase	DEF AT
16130 / 15946	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
19580 / 19165	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 152	Date of Summary: 18-JUL-1991	First Sample Examined: 1240
Lease Number: G01604	Source of Paleo: OPERATOR	Borehole MD: 15615
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15605
API Well Number: 177204013000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 1240 - 14690	Water Depth: 364
Public Info Code: Y 05-AUG-2001	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 4300=probably back in normal section, possible normal section? at 6010

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF IN 3
2470 /	DEF AT - - - - -	DEF AT 4
3850 /	DEF AT local marker deep water fauna	DEF AT 5
3879 /	POS AT gouge	DEF AT 5
3880 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3910 /	DEF AT anhydrite	POS AT 5
4300 /	DEF AT - - - - -	DEF IN 4
5768 /	DEF AT anhydrite	DEF AT 4
5769 /	DEF AT gouge	DEF AT 4
5770 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9130 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
14690 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WD 152	Date of Summary: 18-JUL-1991	First Sample Examined: 14680
Lease Number: G01604	Source of Paleo: OPERATOR	Borehole MD: 15615
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15605
API Well Number: 177204013000	Drilling Operator: DELMAR OPERATING INC PM	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 14680 - 15615	Water Depth: 364
Public Info Code: Y 05-AUG-2001	Ecozone Eq MMS:	Paleo ID: 003

Remark: Redrill report

MD / TVD	Paleo Top Description	Ecozone
14680 /	DEF AT first sample examined	DEF IN 4
15129 /	POS AT gouge	DEF IN 4
15130 /	POS IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
15308 /	DEF AT gouge	DEF AT 6
15309 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
15310 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
15615 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WR 165	Date of Summary: 22-MAR-2000	First Sample Examined: 10240
Lease Number: G20287	Source of Paleo: OPERATOR	Borehole MD: 18404
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18400
API Well Number: 608124000100	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 10240 - 18402	Water Depth: 7997
Public Info Code: Y 17-JUN-2003	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10240 / 10240	DEF AT first sample examined	DEF AT 5
10770 / 10770	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
18402 / 18398	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-2000

End Date: 31-DEC-2004

Area Block: WR 165	Date of Summary: 22-MAR-2000	First Sample Examined: 10240
Lease Number: G20287	Source of Paleo: OPERATOR	Borehole MD: 18404
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18400
API Well Number: 608124000100	Drilling Operator: MARATHON OIL COMPANY	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 10240 - 18402	Water Depth: 7997
Public Info Code: Y 17-JUN-2003	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report, nannospecies abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10240 / 10240	DEF AT first sample examined	DEF AT
10620 / 10620	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
13680 / 13677	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
15630 / 15626	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
15900 / 15896	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
16950 / 16946	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
17280 / 17276	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
18402 / 18398	DEF AT last sample examined	DEF AT