Bureau of Land Management



Amarillo Field Office Helium Operations

> Statistical Report for September - 2006





Distribution:

Fluid Minerals Group Manager, Washington Office NMSO, New Mexico State Director NMSO, Associate State Director NMSO, Petroleum Engineer Field Manager, Amarillo Field Office Assistant Field Managers (3) Team Leaders -Federal Leased Lands -Resources Evaluation & Gas Analysis -Natural Gas Engineering

List of Tables

- Table 1 Summary of Helium Operations
- Table 2 Bush Dome Reservoir Operations
- Table 3 Gas Volumes & Inventory
- Table 4 In Kind Helium Sales
- Table 5 Open Market/Reserve Sell-down
- Table 5 Natural Gas/Liquid Sales
- Table 6 Helium Resources Evaluation
- Table 7 Helium Storage Contract Activity
- Table 8 Compression & CHEU (Charges & Operations)

Amarillo, Texas

Issued: November 22, 2006

* Revised *

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for distribution:

Nelson R. Bullard

Date: 11/22/2006

Table 1 - Summary of Helium Operations

September - 2006

Helium Enrichment Unit Operations	Ma	nth			
Gas Processed	Gross Volume	Net Helium	Average Percent	Gross Cumulative	Net Cumulative
Plant Feed	648,871	175,148	26.99%	22,551,026	5,561,544
Helium Product	217,418	172,802	79.48%	6,999,845	5,494,407
Residue Natural Gas	276,912	0	00.00%	10,022,933	1,116
Natural Gas & Liquids Produced					
Gas Processed				Month	FYTE
Natural Gas Sales (Mcf***)				286,906	3,028,353
NGL Sales (gallons)				62.196	865,302
*** Volumes in Mcf at 14.73 psia & 60°F				,,	
Bush Dome Reservoir Operations	Mo	nth			
Conservation gases from all sources	Gross Volume	Net Helium	Average Percent	Gross Cumulative	Net Cumulative
Total Withdrawn	675,400	199,304	29.51%	157,249,964	25,140,01
Crude Injection	0	0	00.00%	65,510,346	47,275,104
Crude Production	33,167	23,720	71.52%	538,363	395,170
Storage Operations					
Conservation Helium		Month	FYTD	CYTD	Cumulative
Open Market Sale Volumes (Mcf*)		0	2,165,000	1,565,000	5,270,600
Conservation Helium in Storage (EOM)		23,076,366	2,100,000	1,000,000	0,210,000
* Volumes in Mcf at 14.65 psia & 60°F		20,070,000			
In Kind Helium		Month	FYTD	CYTD	Cumulative
Sale Volumes Transferred		466	179,291	127,134	1,796,000
Sale Volumes Outstanding		56,985	110,201	121,101	1,100,000
Volumes in Mcf at 14.65 psia & 60°F					
Private Company Helium Storage Contracts		Мо	nth		Annual
Contact Activity		Gross Volume	Net Helium	Average Percent	Helium FYTD
Crude Acquired		52,580	35,123	66.80%	677,781
Crude Disposed		299,920	229,580	76.55%	2,716,687
Net Balance		(247,340)	(194,457)		(2,038,906
Balance of Stored Helium End Of Month Volumes in Mcf at 14.65 psia & 60°F			1,292,538		
<u>Revenue / Charges</u>					
Helium Storage Contracts (Charges Billed (\$)				Month	FYTE
Storage Fees Billed (\$)				\$2,558	\$3,093,370
Reservoir Management Fees Billed (\$)				\$225,272	\$2,318,172
Field Compressor Charges (Charges Billed (\$)				Month	FYTE
Funded by Cliffside Refiners, LP (provides for booster compress	sion services)			(\$57,405)	(\$704,352
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses	BLM for fuel, labor, s	supplies, etc.)		<u>\$13,609</u>	<u>\$178,798</u>
Net-Total (Funded by the four Refiners to the Cliffside Refiners,	LP for the compress	ion costs.)		(\$43,796)	(\$525,554
Enrichment Unit Charges (Charges Billed (\$)				Month	FYTD
Reservior Management Fees (RMF)				\$225,272	\$2,318,172
Total operating costs				(\$839,578)	(\$10,439,713
Sub Total - Items provided by BLM				\$371,078	\$4,817,713
Total - Cliffside Refiners, LP, GDA030001				(\$468,500)	(\$5,622,000
Conservation Helium - Natural Gas - Liquid S	ales	(Charges Billed (\$)		Month	FYTI
Open Market Sales		τοπαιχου μπου (ψ)		\$0	\$121,122,500
In Kind Sales				\$3,214,039	\$10,222,380
In Kind Sales Natural Gas & Liquid Sales				\$3,214,039	\$10,222,380
· · · · · · · · · · · · · · · · · · ·					
Helium Resources Evaluation				Month	FYTI
Revenue Collected from Federal Lease Holds		.		\$606,805	\$7,508,262
Helium Sample Collection Report for month Submitted	- U	Received -	2	Analyzed - 2	216 to pograst dolla

Table 2 - Bush Dome Reservoir Operations

September - 2006

	I	Gross V	Vithdrawal	Net Helium	n Withdrawal	Nitro	ogen	Met	hane	Ethar	ne plus	Other (CC	02, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
TOTAL		675,400	157,249,964	199,304	25,140,011	169,251	38,492,680	272,092	84,015,677	29,161	8,301,292	5,593	1,300,306
BIVINS A-3	Sep-06	11,640	9,241,125	7,164	2,584,495	2,892	2,339,880	1,382	3,875,839	124	378,328	77	62,583
BIVINS A-6	Sep-06	30,819	7,714,051	22,119	4,370,234	7,481	1,927,077	949	1,267,711	67	122,514	203	26,517
BIVINS A-13	Sep-06	50,210	3,209,517	28,508	2,102,834	12,629	860,589	7,910	214,122	820	21,601	343	10,373
BIVINS A-14	Sep-06	47,415	3,490,077	31,145	2,455,051	11,703	905,953	3,859	109,832	383	10,689	325	8,552
BIVINS A-4	Sep-06	41,910	9,393,458	19,227	1,381,787	10,213	2,270,960	10,937	5,153,070	1,210	505,710	322	81,931
BUSH A-2	Sep-06	43,302	8,571,057	18,573	1,049,602	11,053	2,070,408	11,998	4,890,776	1,379	482,834	299	77,437
Injection	Sep-06	0	65,510,346	0	47,275,104	0	16,927,415	0	761,770	0	16	0	546,040
inj Bivins A-3	Sep-06	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	Sep-06	0	(23,470,924)	0	(16,943,046)	0	(6,297,171)	0	(124,307)	0	(7)	0	(106,395)
inj Bivins A-13	Sep-06	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Sep-06	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Sep-06	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Sep-06	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Sep-06	33,167	538,363	23,720	395,170	8,057	116,592	1,095	21,460	77	1,500	218	3,642
BIVINS A-1	Sep-06	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Sep-06	23,502	11,775,691	3,266	1,746,743	5,784	2,900,677	12,876	6,402,346	1,378	630,393	197	95,532
BIVINS A-5	Sep-06	33,459	12,590,433	9,632	1,243,199	8,533	3,054,428	13,526	7,445,972	1,515	734,585	254	112,250
BIVINS A-7	Sep-06	30,456	8,821,564	10,854	1,796,571	7,922	2,196,715	10,300	4,332,643	1,180	429,797	200	65,839
BIVINS A-9	Sep-06	44,608	7,406,038	879	136,282	11,348	1,786,381	28,955	4,923,539	3,051	488,954	375	70,883
BIVINS A-11	Sep-06	32,659	3,609,866	670	67,210	8,263	878,017	21,186	2,390,026	2,237	239,847	304	34,766
BIVINS A-15	Sep-06	30,799	6,585,238	939	365,840	7,225	1,575,017	20,198	4,167,779	2,082	412,565	354	64,038
BIVINS B-1	Sep-06	44,513	4,479,364	2,026	181,720	10,935	1,078,007	28,172	2,886,108	2,954	290,340	427	43,189
BIVINS B-2	Sep-06	38,568	3,330,642	740	61,979	9,800	817,165	24,822	2,190,498	2,619	221,172	586	39,828
BUSH A-1	Sep-06	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Sep-06	37,339	8,373,628	19,974	1,214,855	9,615	2,037,441	6,657	4,593,325	794	453,058	299	74,950
BUSH A-4	Sep-06	23,319	6,004,790	6,442	1,066,797	6,007	1,485,900	9,653	3,098,188	1,072	307,657	145	46,249
BUSH A-5	Sep-06	44,820	11,820,295	14,492	2,339,290	11,433	2,946,923	16,774	5,866,683	1,866	580,170	255	87,229
BUSH A-8	Sep-06	14,641	2,494,467	269	45,544	3,548	594,863	9,621	1,662,491	996	164,655	208	26,914
BUSH A-9	Sep-06	0	3,365,824	0	78,958	0	804,323	0	2,230,705	0	220,113	0	31,724
BUSH A-11	Sep-06	21,100	2,713,638	805	73,718	5,085	647,144	13,544	1,784,658	1,413	178,939	253	29,179
BUSH B-1	Sep-06	353	3,086,595	7	57,948	85	732,095	233	2,063,878	24	202,270	3	30,404
FUQUA A-1	Sep-06	0	2,954,069	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Sep-06	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Sep-06	29,969	7,677,846	1,573	510,062	7,696	1,854,932	18,539	4,773,177	1,999	472,974	162	66,701
TT Fuel	Sep-06	350	0	5	0	65	0	177	0	18	0	2	0
	fie	ld-wide pcts		29.51%	15.99%	25.06%	24.48%	40.29%	53.43%	4.32%	5.28%	0.83%	0.83%

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study

from NITEC's interim report

As of EOM	Sep-06	Volumes in BCF		
Initial Gas In P	lace	330.040		
Produced 192	4 to 1961	48.830		
Injected 1924	to 1961	0.450		
Remaining Ga	s In Place 1961	281.660		
Left Behind Pi	pe, 1961	82.060	====> 1.500	BCF of contained helium
Remaining in I	Place, 1961	199.600		
Gas In Place 1	961	199.600		
Produced 196	1 to July 2002	82.450		
Injected 1961	to July 2002	64.510	Net Heliun	n
Remaining Ga	s In Place July 2002	181.660	33.997	
Produced July	2002 through Dec 2002	1.096	0.743	
Production 200	03 - 05	19.119	5.367	
Injection 2003	- 05	(0.420)	(0.329)
Produced to D	ate 2006	5.754	1.635	
Injected to Dat	e 2006	(0.081)	(0.064)
Amount of Ray	w Gas Available to CHEU	156.192	====> 26.644	total helium in reservoir
Estimated Bot	tom Hole Pressure	569.097		

est z-factor 0.970

Table 3 - Gas Volumes & Inventory

Crude Helium Enrichment Unit Operations

		Gross W	/ithdrawal	Net Helium	Withdrawal	Nitr	ogen	Met	hane	Ethar	ne plus	Other (CO	D2, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Sep-06	648,871	22,551,026	175,148	5,561,544	163,343	5,666,574	275,571	10,052,373	29,448	1,078,561	5,361	191,974
Calculated Feed	Sep-06	641,894	22,777,184	175,577	5,632,006	161,112	5,720,612	270,773	10,145,811	29,061	1,084,976	5,371	193,779
Feed to Box	Sep-06	638,078	22,647,242	175,577	5,632,006	161,112	5,720,612	270,773	10,145,811	29,061	1,084,976	1,555	63,837
Cheu Product	Sep-06	217,418	6,999,845	172,802	5,494,407	39,165	1,319,159	3,966	137,745	3	296	1,482	48,237
Residue	Sep-06	276,912	10,022,933	0	1,116	6,847	248,379	245,306	8,881,498	24,759	890,757	0	1,184
Cold Box Vent	Sep-06	104,987	4,374,768	173	78,729	96,824	3,578,012	7,960	658,787	(0)	96	29	59,144
Flare/Boot Strap	Sep-06	2,358	0	150	0	781	0	1,314	0	112	0	1	0
Fuel From Cheu	Sep-06	11,098	256,121	6	175	341	7,296	9,002	206,463	1,749	42,187	0	0
Shrinkage/Loss	Sep-06	2,438	74,908	0	0	0	0	0	0	2,438	74,908	0	0
Unaccounted*	Sep-06	22,900	456,817	2,478	30,352	17,153	366,892	3,226	57,343	(0)	1,071	43	1,158

*Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)		
	Government	Private
Beginning inventory	23,080,095	1,486,529
net acceptances +	0	0
redeliveries	0	(194,457)
In Kind Transfers	(466)	466
Open Market Sales	0	0
Gain/loss	(3,263)	
Ending Inventory	23,076,366	1,292,538
Total Helium in Reservoir	26,644,245	
Total Helium in Storage	24,368,904	
Helium in native gas	2,275,342	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	42,371	32,295	76.22%
Measured to Pipeline (Private Plants)	52,612	35,398	67.28%
Measured from Pipeline (Private Plant	299,920	229,583	76.55%
HEU Production	217,418	172,802	79.48%
Injection	0	0	0.00%
Production	33,167	23,720	71.52%
Ending Inventory	40,994	31,369	76.52%
Gain/Loss	(4,654)	(3,263)	

Tuck Trigg Reservoir Operations

			Since Field
Native Gas (Gross)	Month	Fiscal Year	Discovery
Total in place, beg. of period	5,198,688	5,198,688	5,890,000
Recoverable in place, beg. of period	4,528,688	4,528,688	5,220,000
Production during period to date	0	0	691,312
Total in place, end of month	5,198,688	5,198,688	5,198,688
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688

September - 2006

Table 4 - In Kind Helium Sales

September - 2006

		icium y	Culou					0.	spicifibe	2000
	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges E	illed (\$)**
In Kind Helium	ו									
Aeriform, Contract	no. INC98-0	0101							(bi	lled quarterly)
Month									,	
FYTD										
AGA Gas, Inc., Con	tract no. IN	C98-0102								
Month FYTD										
AirGas, Inc., Contra	act no. INC9	98-0103								
Month										
FYTD	Amoriaa In	o Contract		0104						
Air Liquide Helium	America, in	ic., Contract	no. INC98	-0104						
FYTD										
Air Products, L.P.,	Contract no	. INC98-010	5							
Month										
FYTD	Inc. Cont	raat no INC	09 0106							
BOC Global Helium	i, inc., Cont	ract no. INC	90-0100							
FYTD										
Corp Brothers, Inc.	, Contract n	no. INC98-01	07							
Month										
FYTD	Inc. Contr		00.04.00							
FIBA Technologies	, inc., contr		00-0100							
FYTD										
General Air Service	& Supply C	Co., Contrac	t no. INC98	3-0109						
Month FYTD										
Jack B. Kelley Co.,	Contract no	0 INC08-011	0							
Month	Contract In	0. INC30-011	U							
FYTD										
Portland Welding S	upply, Con	tract no. INC	98-0111							
Month FYTD										
Praxair, Inc., Contra	act no INCO	98-0112								
Month		000112								
FYTD										
United States Weld	ing, Inc., Co	ontract no. Il	NC98-0113							
Month FYTD										
Matheson Tri-Gas,	Inc., Contra	act no. INC98	3-0114							
Month	,									
FYTD										
GT & S, Contract no	o. INC00-01	15								
Month FYTD										
Total month	33,958	1,833	3	4,994	1,905	15,189	57,882	56,985		\$3,214,039
Total FYTD	105,808	6,592	3		22,041	33,588	185,503	182,637		\$10,222,380
Total CYTD	80,233	-	3		16,689	25,538	140,667	138,492		\$7,816,481
Cumulative	1,097,728	39,694	188		263,974	252,617	1,882,121	1,852,910		\$95,305,672
In Kind Transf	ers						Month	FYTD	CYTD	Cumulative
Transferred							466	179,291	127,134	1,796,000
Volume outstanding							56,985			

* Volumes in Mcf at 14.7 psia & 70°F

+ Volumes in Mcf at 14.65 psia & 60°F

**Rounded to nearest dollar

Table 5 - Open Market/Reserve Sell-down

Helium & Natural Gas Sales

September - 2006

	Award Volume*	Outstanding*	Sales*	Cha	arges Billed (\$)**
Conservation Helium					(billed quarterly)
Air Liquide Helium America, Inc.					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	50,000		50,000		\$2,625,000
Air Products, L.P.					
Month	0	0	0		\$0
FYTD	500,000	0	860,000		\$47,870,000
Cumulative	1,700,400		1,700,400		\$92,311,000
BOC Global Helium, Inc.					
Month	0	0	0		\$0
FYTD	485,000	0	485,000		\$27,402,500
Cumulative	2,169,000		2,169,000		\$117,237,500
Keyes Helium Co., LLC					
Month	0	0	0		\$0
FYTD	0	0	40,000		\$2,180,000
Cumulative	191,200		191,200		\$10,231,400
AGA Gas, Inc.					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	50,000		50,000		\$2,700,000
Praxair, Inc.					
Month	0	0	0		\$0
FYTD	500,000	0	700,000		\$39,150,000
Cumulative	960,000		960,000		\$53,320,000
Linde Gas LLC					
Month	0	0	0		\$0
FYTD	80,000	0	80,000		\$4,520,000
Cumulative	150,000		150,000		\$8,335,000
Total month	0	0	0		\$0
Total FYTD	1,565,000	0	2,165,000		\$121,122,500
Total CYTD	1,475,000		1,565,000		\$88,422,500
Cumulative	5,270,600		5,270,600		\$286,759,900
Open Market Transfers		Month	FYTD	CYTD	Cumulative
Transferred		0	2,165,000	1,565,000	5,270,600
Volume outstanding		0			

Total FYTD Sales include 600 MMcf Transition sale (requested in Sep 05 - documented as sold in Oct 06) for FY05

* Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)**
El Paso Natural Gas	<u>5</u>	Provides Firm/Interru	ptible natural gas trar	sportation services	(billed monthly)
Month	275,662		303,792	(\$0.0922)	(\$27,997)
FYTD	3,037,734		3,334,897	(\$0.1015)	(\$338,390)
Cumulative	9,611,017		10,563,381	(\$0.1101)	(\$1,163,159)
Minerals Manageme	ent Service	Provides natural gas	marketing services u	nder a Cooperative A	greement
Month					(\$1,747)
FYTD				(\$0.0045)	(\$13,615)
Cumulative				(\$0.0131)	(\$126,024)
Cenergy Marketing					
Month	286,906	0	316,170	\$4.405667	\$1,370,997
FYTD	3,028,353	0	3,324,987	\$6.777004	\$22,346,786
Cumulative	9,681,766	0	10,576,305	\$6.097755	\$64,076,551
Seminole Transpor	tation & Gathering				
Month	0	62,196	6,738	\$9.956563	\$67,087
FYTD	0	865,302	92,998	\$11.646432	\$1,083,095
Cumulative	0	2,360,572	249,517	\$9.784303	\$2,441,350
Total month	286,906	62,196	322,908	\$4.429383	\$1,408,340
Total FYTD	3,028,353	865,302	3,417,985	\$6.806508	\$23,077,876
Total CYTD	2,278,446	653,204	2,570,435	\$5.861791	\$14,902,246
Cumulative	9,681,766	2,360,572	10,825,822	\$6.063640	\$65,228,718

*** Volumes in Mcf at 14.73 psia & 60°F

**Rounded to nearest dollar

Table 6 - Helium Resources Evaluation

All Volumes in Mcf at 14.7 psia & 70°F

\$609,374	\$7,479,908
\$1,631	\$28,103
\$0	\$0
\$4,705	\$97,577
\$606,805	\$7,508,262
	\$1,631 \$0 \$4,705

*Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	0	205
Number of Samples Received	2	38
Number of Samples Analyzed	4	62
Total Number of Samples Analyzed For Resources Division	4	100
Total Number of Samples Analyzed (2)	216	1,869

U. S. Helium Production

Domestic	CY Volumes
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold	4,584,904
2003 Helium Sold	4,393,555
2004 Helium Sold	4,692,699
2005 Helium Sold	4,800,782
2006 Helium Sold	4,500,000
Estimated Helium Resources (as of 01/01/2003)	305,000,000

		FY-20	05 CY-2005
U.S. Helium Exports	(3)	1,826,	,048 1,851,322

(1) Includes drip gas sales & other miscellaneous gas sales.

(2) Includes pipeline, field survey, and other requested analyses.

(3) Data from Department of Commerce - Bureau of the Census.

Table 7 - Helium Storage Contract Activity All Volumes in Mcf at 14.65 psia & 60°F

September - 2006

All volumes	All Volumes in Mcf at 14.65 psia & 60°F										
				red Gas			Transferred Gas		Stored Charges Bille		es Billed
	Gross Gas H		Helium		Helium CYTD	Cumulative	Helium Month Cumulativo		Helium		\$)** EVTD
Total All Contra		Month		FYTD	CTID	Cumulative	Month	Cumulative	EOM	Month	FYTD
Total All Contra		00.00/	05 400	077 704	500.000	07 400 070	07.045	00.007.404			
Crude Acquired	52,580	66.8%	35,123	677,781	509,232	27,162,076	37,815	33,607,194		\$0.550	o. –
Crude Disposed	299,920	76.5%	229,580	2,716,687	2,033,267	30,815,007	37,349	27,183,007		\$2,558	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718				\$225,272	RMF Fees
Net/Balance	(247,340)		(194,457)	(2,038,906)	(1,524,035)	(5,131,649)	466	6,424,187	1,292,538	\$227,830	\$5,411,541
Total Prior Con	tracts (TERN	IINATED)									
Crude Acquired				0	0	17,406,129	0	18,196,898			
Crude Disposed				0	0	11,830,863	0	19,148,768			
Grade-A Rdlvrd				0	0	1,478,718					
Number of trailers				0	0	9,834			0		
BOC Global He	lium, Inc., Co	ontract no.	1995-324	9							
Crude Acquired											
Crude Disposed											
Net/Balance											
Praxair, Inc., Co	ontract no. 19	995-3251									
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Products, L	.P., Contract	no. 1995-3	8256								
Crude Acquired											
Crude Disposed											
Net/Balance											
Oneok Field Se	rvices. Contr	act no. 19	95-3258								
Crude Acquired	,										
Crude Disposed											
Net/Balance											
ExxonMobil Ga	s Marketing	Co Contra	act no. 19	95-3280							
Crude Acquired		,									
Crude Disposed											
Net/Balance											
Pioneer, Contra	act no. 1995-3	3286									
Crude Acquired											
Crude Disposed											
Net/Balance											
Keyes Helium C	Co. II C. Cor	ntract no 1	995-3287	,							
Crude Acquired			000 0201								
Crude Disposed											
Net/Balance											
Linde Gas LLC,	Contract no	2001-328	2								
		. 2001-520	-								
Crude Acquired Crude Disposed											
Net/Balance											
	ium Amorica	Inc. Cont	ract no f	003-2204							
Air Liquide Heli	uni America,	, mc., com	1 aut 110. 4	2003-3204							
Crude Acquired											
Crude Disposed											
Net/Balance											
Government He	elium										
Remaining Crude							23,080,095				
Crude Disposed:	In Kind Sales t	ransferred for	or the mont	h			(466)				
	Open Market/F	Reserve Sell	Down trans	sferred for the	month		0				
	Gains and Los	es for the m	onth				<u>(3,263)</u>				

23,076,366

Net/Balance of Purchased Helium Remaining for Sale *Includes In Kind and Open Market transfers from Government storage

**Rounded to nearest dollar

Table 8 - Compression & CHEU (Charges & Operations)

September - 2006

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$4.41	\$6.79	\$5.87
Fuel used *	total MMBTU	13,256	159,918	476,320
Field compressor fuel revenue *	\$dollars	\$4,567	\$56,841	\$532,234
HEU compressor fuel credit *	\$dollars	\$29,941	\$569,879	\$1,350,523
HEU fuel credit *	\$dollars	\$23,950	\$458,804	\$914,819
#1 Compressor run time *	hours	420	7,743	30,471
#2 Compressor run time *	hours	663	4,660	19,581
#3 Compressor run time *	hours	337	4,311	14,446

* Field/CHEU Compressor Operations based on Sep 06 activity

Field Compressor Charges

Field Compressor Charges	Charges Billed (\$)*		
BOC Global Helium, Inc., Contract no. 1995-3249			
Praxair, Inc., Contract no. 1995-3251			
Air Products, L.P., Contract no. 1995-3256			
Keyes Helium Co., LLC, Contract no. 1995-3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	(\$57,405)	(\$704,352)	(\$4,865,501)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	<u>\$13,609</u>	<u>\$178,798</u>	<u>\$1,192,525</u>
Net Total - Cliffside Refiners, LP	(\$43,796)	(\$525,554)	(\$3,672,975)

* BLM provided fuel cost is based on Jul 06 fuel consumed

Crude Helium Enrichment Unit (CHEU) FYTD Cumulative Month **CHEU** Runtime Runtime Percent Runtime Runtime 718 96.5% 8,354 28,268 Processing feed gas 703 94.5% 8,201 22,443 Producing natural gas liquids Producing helium product 687 92.3% 8,117 25,673 Producing residue gas 613 82.4% 8,119 26,549

	Charges Billed (\$)*			
CHEU Charges	Month	FYTD	Cummulative	
Reservior Management Fees (RMF)	\$225,272	\$2,318,172	\$5,984,886	
Total operating costs	<u>(\$839,578)</u>	<u>(\$10,439,713)</u>	<u>(\$33,980,758)</u>	
Labor	\$57,952	\$695,424	\$2,168,876	
Compressor fuel cost *	\$40,158	\$635,318	\$1,232,978	
HEU fuel cost *	\$24,138	\$495,549	\$899,978	
Electric Power *	\$146,314	\$1,761,230	\$4,730,417	
Other	<u>(\$268.562)</u>	<u>(\$3,587,522)</u>	<u>(\$4,910,298)</u>	
Sub Total - Items provided by BLM	\$371,078	\$4,817,713	\$14,587,762	
Total - Cliffside Refiners, LP, GDA030001	(\$468,500)	(\$5,622,000)	(\$19,392,996)	
* Based on Jul 06 activity	*Rounded to nearest dollar			

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) *	4,690	59,089	144,586
Cheu Pure Water Usage (gallons) *	2,387	35,628	126,220
Electricity Metered (Kwh) used *	2,397,442	27,472,390	82,015,674

* Based on Sep 06 activity depicted on the Nov 06 invoices

*Rounded to nearest dollar