

Table 5. Selected properties of major reservoirs in the Jurassic coal–Denglouku/Nongan total petroleum system in the Songliao Basin (province 3144), China.

[Data from Anonymous (1996) and Petroconsultants (1996). Petroconsultants (1996) data are enclosed in parentheses.]

Field No. (Petrocons ID)	Field name	Reservoir	Porosity (percent)	Porosity type	Permeability (md)	Mean grain size (mm)	Average individual pay thickness (m)	Gross reservoir interval thickness (m)	Average Sw (percent)	Average burial depth (m)
22	Wujiazi	Quantou, Denglouku	20	P/I	n.r.	ss	n.r.	n.r.	n.r.	1,200
28(12352)	Sijiazhi (Siwujiazhi)	Huaide (Denglouku/ Lishe)	10-16; ave. 12	P/I	3-10	0.07-0.25; vf-m (slt)	2.8-6.0	200	33-70	1,012-2,449
43(12296)	Nongan	Nongan (Quantou, Member 1)	(14.5) 12-14.5	n.r. n.r.	(5.9) 1.3-5.9	(ss) n.r.	 44	n.r. n.r.	n.r. n.r.	(900) (3,022)
55(18698)	Maoshan	Nongan (Quantou, Member 1)	8.9-19.4; ave. 16.9	P/I	0.84-260; ave. 113	grn	n.r.	(80)	n.r.	1,460-1,470
56	Houwujiazhi	Quantou, Denglouku	19.1	P/I	n.r.	ss	n.r.	n.r.	48	320-1,670
62(18839)	Zhaoshen	Basement rocks; Paleozoic rocks	(5)	n.r.	(2)	n.r.	n.r.	n.r.	n.r.	(2,860)
72(18854)	Weishan 3	Denglouku, Member 3	(6.6)	n.r.	(0.03)	(ss)	n.r.	(250)	n.r.	(2,298)
74(18840)	Fangshan	Denglouku, Member 3	(10)	n.r.	(2)	(ss, slt)	n.r.	(250)	n.r.	(2,800-2,929)
75(18865)	Sanshen	Denglouku	(10)	n.r.	(2)	(ss)	n.r.	(250)	n.r.	(1,500)
78(18853)	Chaochen	Denglouku, Member 1	(5)	n.r.	(2)	(ss)	n.r.	(60)	n.r.	(2,822)

Field No: (12352), add prefix 1000000 for complete Petroconsultants (1996) ID number

Porosity type: P/I, primary intergranular porosity

Mean grain size (mm): gm, coarse-grained sandstone with granules and pebbles; m, medium-grained sandstone; vf, very fine grained sandstone; ss, sandstone; slt, siltstone

Miscellaneous abbreviations: md, millidarcy; mm, millimeter; m, meter; %, percent; Sw, water saturation; n.r., not recorded