



CENTRAL PETROLEUM LTD.

CBM 93-01 DAILY GEOLOGY REPORT.

PAGE 1

WELL: CBM 93-01	REPORT No: 21	DAYS FROM SPUD: 21	DATE: 18th September 2008
EP 93		LAST DEPTH: 1007m	MIDNIGHT DEPTH: 1203m PROGRESS: 194 m
Exploration Well – Coal Bed Methane		KB ELEVATION: 173.3m	PTD: 1225.3m RIG: Hunt Rig 2
Loc. E 135.890137 S 24.939138 MGA 94 Zone 53		GROUND LEVEL: 169m	LAST SURVEY: 701m 5 degrees
NEARBY WELLS: Blamore-1, Colson-1, McDills-1			GEOLOGIST: M Harrison
PREVIOUS OPERATIONS (24 hrs): RIH, Drill ahead 1007m to 1055.3m, Cut Core#34 1055.3m – 1057.3m, drill ahead to 1203m.			
06:00 OPERATIONS: Drill ahead, questionable top for Tirrawarra Sandstone 1213m, drill ahead, depth at 0600hours, 1256 m			
HYDROCARBON SUMMARY: Various gas peaks associated with Purni Formation Coals. After intersecting possible Tirrawarra at 1209m, and then reaching kelly down of 1218.3m, after making connection and drilling ahead high connection gas of 86.4 units/ 1.7280%, C1 13092, C2 1273, C3 252, iC4 88, nC4 143, 1C5 49, nC5 13, was recorded. A flow of fluid was observed from well bore, aquifer flow indicated, Mud weight was increased to 9.3 lb/gal to control water flow, connection gas declined, Mud loss of 12 Bbl per hour was noted while drilling.			

Formation Tops CBM 93-01	Prognosed Depths		Wellsite Depths		Difference High / Low To Prog
	(mKB)	(mSS)	(mKB)	(mSS)	
Surficial & Namba Fm			4.3 (GL)		
Eyre Fm			absent		
Winton Fm			46.3m		
Oodnadatta Fm			285m		
Toolebuc Fm			absent		
Bulldog Shale	427.3		405m		+22.3
Cadna-owie Fm	568.3		502m		+66.3
Murta Fm					
Algebuckina Sandstone			531m*		
Poolowanna Formation					
Peera Peera Formation					
Walkandi Formation					
Purni Formation	704.3		696m		+8.3
Tirrawarra Sandstone			1213m ?		
Crown Point Formation	1150.3				
Warburton Basin (?)	1195.3				
TD	1225.3				

(1) / (2) = Primary / Secondary oil objectives. *Revised 3rd September 2008



CBM 93-01 DAILY GEOLOGY REPORT.

CENTRAL PETROLEUM LTD. PAGE 2

Interval (m)	Lithology Description	Gas (units) Peak/Background Composition % C1:C2:C3:C4:C5
1007 – 1012m	Coal, black, moderately hard to hard, dull to bright,. In Core #33 they are black and hard, mostly laminated dull and bright about 50:50 with visible cleat at 0.5 – 0.7 cm spacing, particularly in the occasional very bright vitrinite bands. The dull coals are black, unlike the dark grey featureless inertinites of the upper Purni	GAS: Max: 1.342% / 67units Max Chromatograph: 1012m C1 9131 ppm C2 1556 ppm C3 276 ppm iC4 20 ppm nC4 75 ppm iC5 6
1012 – 1045m	Minor soluble clay over shakers, cuttings 100% Sandstone, 1012 – 1015m 1026 – 1030m, Coal, black, moderately hard to hard ,dull to bright, common vitrinite and trace of leafy material – liptinite. Cleat visible in some vitrinite. 1030 – 1045m, Sandstone, loose, fine to medium grained at the top, 5m/hr, predominantly coarse at the base 15 m/hr plus average. The preceding information was provided in Geol Rpt #20	GAS: Coal: Max: 1.821% / 93units Max Chromatograph: 1031.5m C1 10619 ppm C2 2231 ppm C3 649 ppm iC4 31 ppm nC4 241 ppm iC5 20 ppm SANDSTONE Ave: 0.478% / 24units Ave Chromatograph: Ave 1030 -1040m C1 2525 ppm C2 369 ppm C3 291 ppm iC4 19 ppm nC4 127 ppm iC5 14
1045m – 1213m	Purni Formation persists. Cyclic deposition of Sandstone fining upward, Siltstone, Claystone with Coal at the top of the cycle. Sandstones, light grey, loose, very fine to coarse, generally medium, sub angular to angular, quartz is clear to milky white, occasional grey, yellow, pale green and pink, trace well cemented aggregates, very fine to medium, hard, tight, trace biotite, occasionally abundant, trace muscovite mica, common white clay matrix adhering to grains and as white fragments, rarely green tinged, trace coaly fragments. Siltstone, light grey, friable to moderately hard, micaceous, trace carbonaceous material, white clay matrix, very argillaceous in part to light to medium grey. Claystone, medium grey, soft, dispersive, carbonaceous in part, not seen in washed samples Coal, variable with depth: more detail tomorrow sorry	GAS: Min: 1.8968% Max Chromatograph: Coal 1045-1096m C1 9593 ppm C2 2451ppm C3 829ppm iC4 81 ppm nC4 370ppm C5s 37/15

**CBM 93-01 DAILY GEOLOGY REPORT.**

CENTRAL PETROLEUM LTD. PAGE 3

[illegible]