



# CENTRAL PETROLEUM LTD.

## CBM 93-01 DAILY GEOLOGY REPORT.

PAGE 1

<b>WELL: CBM 93-01</b>	<b>REPORT No: 18</b>	<b>DAYS FROM SPUD: 18</b>	<b>DATE: 15<sup>th</sup> September 2008</b>
<b>EP 93</b>		<b>LAST DEPTH: 929m</b>	<b>MIDNIGHT DEPTH: 966m</b> <b>PROGRESS: 77 m</b>
<b>Exploration Well – Coal Bed Methane</b>		<b>KB ELEVATION:</b> 173.3m	<b>PTD: 1225.3m</b> <b>RIG: Hunt Rig 2</b>
<b>Loc. E 135.890137</b> <b>S 24.939138</b> <b>MGA 94 Zone 53</b>		<b>GROUND LEVEL:</b> 169m	<b>LAST SURVEY:</b> 701m 5 degrees
<b>NEARBY WELLS:</b> Blamore-1, Colson-1, McDills-1			<b>GEOLOGIST:</b> M Harrison
<b>PREVIOUS OPERATIONS (24 hrs):</b> Drill rate slow to 944m. Considered cutting cores may improve the rate. Cut cores 20-25. Very slow rates last few metres. Wireline core recovery times very good. POOH to change bit at 966m. RIH to drill with plug assembly.			
<b>06:00 OPERATIONS:</b> Drill-circulate, drill-circulate, coal in sample, Cut Core#26, 978-981.5m			
<b>HYDROCARBON SUMMARY:</b> Maximum Gas : 81units from 979.08m			

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					
Crown Point Formation	1150.3				
Warburton Basin (?)	1195.3				
TD	1225.3				

(1) / (2) = Primary / Secondary oil objectives. \*Revised 3<sup>rd</sup> 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
911m – 944m	<p>Sandstone, predominantly fine grained and Claystone, soft soluble, generally dark grey brown. Significant Coal 913 – 917m</p> <p><b>Data above was included in yesterday's report, Geological Report 17</b></p>	<p>GAS: Min: 0.0336% Max: 0.1640% Ave: 0.0960% Max Chromatograph: 941m C1 1125 ppm C2 203 ppm C3 19 ppm iC4 1 ppm nC4 3 ppm</p>
944m – 966m	<p>Cores 21 to 25 were cut during the reporting period:</p> <p>Most of the core material consists of fluvial sandstone.</p> <p>Sandstones, light to medium grey, moderately hard to hard, variably very fine to very coarse, as gross fining upward sequences, finer sands typically have fine laminations of black coaly matter, immature sands, subangular to angular, very rarely rounded, clear and discoloured quartz, trace white mica, fine transparent pink grains of garnet are common, porosity generally very poor to poor with the sandstone choked with white, occasionally grey clay. Rarely coarse - very coarse sandstone appear to have very good porosity.</p> <p>Coal, was intersected from 945.2 to 945.7, somewhat thin, 0.6m however giving higher mudgas readings than detected to date. Sample was placed in a desorption canister, Gas was detectable, however only a minor amount.</p>	<p>GAS: Min: 0.04% Max: 0.329% Ave: 0.08% Max Chromatograph: 946m C1 2141 ppm C2 500 ppm C3 26 ppm iC4 4 ppm nC4 3 ppm</p>
966m – 977m	Sandstone	
977m – 978m 978m – 981.5m	<p>Coal- Drill Break</p> <p>Coal, Core#26</p>	<p>GAS: Max: 1.6224% / 81unit Max Chromatograph: 979.08m C1 10791 ppm C2 2356 ppm C3 219 ppm iC4 20 ppm nC4 16 ppm</p>



# CBM 93-01 DAILY GEOLOGY REPORT.

CENTRAL PETROLEUM LTD. PAGE 3

Interval (m)	Lithology Description	Gas (units) Peak/Background Composition % C1:C2:C3:C4:C5