



# CENTRAL PETROLEUM LTD.

## CBM 93-01 DAILY GEOLOGY REPORT.

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<b>WELL: CBM 93-01</b>	<b>REPORT No: 12</b>	<b>DAYS FROM SPUD: 12</b>	<b>DATE: 9th September 2008</b>
<b>EP 93</b>		<b>LAST DEPTH: 770m</b>	<b>MIDNIGHT DEPTH: 786m</b> <b>PROGRESS: 16m</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> Drillers depth midnight 786m, note base Core 10 is 786.7m actual. Operations: Drill Core#8 770-775m, recovery 4.33m; Core#9 775-781.7m, Recovery 6.34m; Core#10 781.7-786.7m, Recovery 4.04m. All cores recovered POOH drill pipe. Drop drill string down hole, commence recovery.			
<b>06:00 OPERATIONS:</b> Drill string recovered, RIH Drill Core#11, 786.7 to 794.8m, POOH			
<b>HYDROCARBON SUMMARY:</b> No fluorescence observed.			

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



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition % C1:C2:C3:C4:C5
	Full descriptions for Cores 8 & 10 are being tidied up, will send later	
	<b>Core 8, 770.0 to 775.0m</b> Recovered 4.33m, 770.0-774.33m  770 – 773.79m, Sandstone, coarse to very coarse 773.79 – 774.05m, Sandstone, medium to coarse 774.05 – 774.33m, Coal	GAS: Min: 0.0243% Max: 0.0668% Ave: 0.0453% Max Chromatograph: 772.5m C1 501 ppm C2 5 ppm C3 7 ppm
	<b>Core 9, 775.0 to 781.7m</b> Recovered 6.34m  775.0 – 775.87m, Siltstone, with thin carbonaceous laminations 775.87 – 778.81m, Sandstone, very coarse 778.81 – 779.42m, Claystone/ Siltstone, dark grey carbonaceous 779.42 – 780.75m, Coal* - 2 Canisters. 780.75 – 781.34m, Claystone grading to sandy Siltstone with depth  One canister of coal produced gas, despite the long time delay during the trip from total depth and further delays at surface. Although this desorption data is probably not useable, this is an encouraging result. Due to equipment problems, results from a second canister appear compromised. *Instantaneous gas reading as top coal was being cored was 667ppm C1 – now submerged in the automatic averaging system.	GAS: Min: 0.0226% Max: 0.0394%* Ave: 0.0314% Max Chromatograph: 776.5m C1 372 ppm C2 3 ppm C3 0 ppm
	<b>Core 10, 781.7 to 786.7m</b> Recovered 4.04m  781.7 – 783m, Sandstone, very fine to fine, minor carbonaceous laminations 783 – 785.74m Sandstone, very coarse	GAS: Min: 0.022% Max: 0.0361% Ave: 0.0293% Max Chromatograph: 781.5m C1 333 ppm C2 3 ppm C3 5 ppm
	<b>Core 11, 787.3 to 794.8m</b> Recovered 7.5m  FULL CORE RECOVERY: 100% Sandstone very coarse  Core recovered post reporting time	GAS: Min: 0.0247% Max: 0.0447% Ave: 0.0316% Max Chromatograph: 787.5m C1 409ppm C2 4 ppm C3 8 ppm



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