



DAILY GEOLOGICAL REPORT

DATE: 29 May 2010
 REPORT NO.: 13
 (associated DDR # 13)

WELL: CBM 93-002

RIG	Wallis Rig D 39	RIG TYPE	Land
COMPLETION TYPE		TARGET	Test gas potential of Purni Formation
Depth at Midnight (MD)	525.6 m	SPUD DATE	22 May 2010
DAYS SINCE SPUD	7.67 (Days on well: 12.67)	LAST CASING	4.500 in @ 523.5 m MD
PRESENT DEPTH MD	525.6 m	BACKGROUND GAS	2.00 Unit @ 403.0 m
24 Hr Progress	0.00	MAX GAS	4.00 Unit @ 427.0 m
AVERAGE ROP	30,239.98 m/h	ECD	
Operations Status @ 0600hrs	WOC	ESTIMATED PORE PRESSURE	
PROGNOSED TD	1,150.0m MD 1,150.0m TVD		

Well Details

Latitude:	25.00° 21.00" 16.10' South	UTM(N/S):	RT - MSL:	159.30 m RT MSL
Longitude:	135.00° 26.00" 5.30' East	UTM(E/W):	GL Elevation:	158.0 m

Operations Summary and General Remarks

OPERATION SUMMARY:	Drilled 6 1/8" hole from 443 to 525.6m. Poor returns at times - ran frequent Hi Vis pills. Intersected ~3.5m of coal at 519m and drilled a further 3m to current TD. Ran wiper trip, set up and ran 4.5" casing
HYDROCARBON SHOWS:	Nil
NEXT OPERATION:	Cement casing, WOC, nipple up and pressure test BOP. RIH, drill out shoe, Core ahead with HQ coring string

Prognosis and Preliminary Correlation

Top	Actual Depth (159.30 m RT MSL)			Prognosis	H/L	Pick Criteria	Remarks
	MD	TVD	TVDSS				
Eyre Formation	4.00	4.00	-155.30	4.00	N/A		
Winton Formation	20.00	20.00	-139.30	60.00	40.0 H	Top grey claystones	Top may be unweathered Eyre Fmn
MacKunda Fm	198.00	198.00	38.70		N/A	First glauconitic sandstones, slightly calcareous	Top boundary clear, but could contain equivalents of Oodnadatta and Bulldog Formations
Cadna-owie Fm	291.00	291.00	131.70	484.00	193.0 H	Top first quartz sandstone	Very thin, indistinguishable from Algebuckina while drilling. Better defined on wireline logs
Algebuckina Sandstone	314.00	314.00	154.70	490.00	176.0 H	Second fast drilling break - no change in cuttings	May include Poolowanna Formation and/or other early Mesozoic units
Purni Formation	512.00	512.00	352.70	700.00	188.0 H	Reverse drilling break above 5.5m coal	

Well Geologist

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