



**DAILY GEOLOGICAL REPORT**

DATE: 06 Dec 2009  
 REPORT NO.: 3  
 ( associated DDR # 3 )

**WELL: CBM93-004**

RIG	Wallis Rig D 39	RIG TYPE	Land
COMPLETION TYPE	Single Gas Producer	TARGET	Test gas potential of Puni Coal Measures
Depth at Midnight (MD)	236.0 m	SPUD DATE	04 Dec 2009
DAYS SINCE SPUD	2.39 ( Days on well: 5.00)	LAST CASING	10.000 in @ 15.0 m MD
PRESENT DEPTH MD	249.5 m	BACKGROUND GAS	Unit
24 Hr Progress (Geology)	44.0 m	MAX GAS	Unit
AVERAGE ROP	6.00 m/h	MUD WEIGHT	9.40 sg (WBM)
Operations Status @ 0600hrs	Wiper trip (in conductor) prior to running 7" Casing	ECD	
PROGNOSSED TD	250.0m MD 250.0m TVD	ESTIMATED PORE PRESSURE	

**Well Details**

Latitude:	24.00° 52.00' 10.92" South	UTM(N/S):	RT - MSL:	186.00 m DF MSL
Longitude:	135.00° 50.00' 59.64" East	UTM(E/W):	GL Elevation:	185.0 m

**Operations Summary and General Remarks**

OPERATION SUMMARY:	Generator for mudlogging shack operational.
NEXT OPERATION:	Observe returns, bottoms up from wiper trip

**Lithology Summary**

Interval MDBRT (m) From To	Lithology	%	Description
160.00 - 249.50	Claystone (MacKunda)	100%	Claystone, medium dark grey to dark grey, soft, sloppy, few accessories, occasional black glauconite grains, carbonaceous and coal specks generally silt to very fine still present as poor trace to trace, non calcareous, rarely slightly calcareous, in deeper samples. no inoceramus fragments detected (typical of Oonadatta Formation) however samples are unwashed

**Gas Readings**

Depth (m)	Total Gas (ppm)	BGG (ppm)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	iC5 (ppm)	nC5 (ppm)
15.00 - 248.00			-	-	-	-	-	-	-

**Comment-** Gas detector not operative 8 1/2" hole

**Prognosis and Preliminary Correlation**

Top	Actual Depth (186.00 m DF MSL)			Prognosis	H/L	Pick Criteria	Remarks
	MD	TVD	MDSS				
Namba Formation	1.00	1.00	-185.00		N/A		
Eyre Formation	28.00	28.00	-158.00		N/A		
Winton Formation	35.00	35.00	-151.00		N/A	Change to grey claystone	Top placed halfway through 10m sample interval
MacKunda Fm	95.00	95.00	-91.00		N/A	Presence of glauconite fragments in claystone	Top placed halfway through 10m sample interval

**Well Geologist**

Michael Harrison