



DAILY GEOLOGICAL REPORT

DATE: 14 Dec 2009
 REPORT NO.: 11
 (associated DDR # 11)

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)	503.5 m	SPUD DATE	04 Dec 2009
DAYS SINCE SPUD	10.39 (Days on well: 13.00)	LAST CASING	4.500 in @ 501.0 m MD
PRESENT DEPTH MD	501.9 m	BACKGROUND GAS	Unit
24 Hr Progress (Geology)	m	MAX GAS	Unit
AVERAGE ROP	m/h	MUD WEIGHT	8.70 sg (WBM)
Operations Status @ 0600hrs	Core ahead at 524m	ECD	
PROGNOSED TD	1,350.0m MD 1,350.0m 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:	<p>No new hole in 2400 hr period.</p> <p>5 core runs done midnight to 0600hrs depth of 524m. A gross fining upward sequence, typical of Poolowanna, finely interbedded finer sandstone, siltstone, claystone, and thin coal laminae, overlies coarse sandstone in subcycles, becoming more sandy with depth. Loss of core occurred from coarser sandstone intervals.</p> <p>A drill break 513m -514m, 5m/hr to 13 m/hr. Possible coal, but this portion of the core was lost. A high gas reading was originally reported however it was determined to be an electronic spike after further examination of the gas records.</p>
NEXT OPERATION:	Coring ahead

Casing Run

OD	LOT/FIT	Csg Shoe (MD/TVD)	Remarks
7"	sg / sg	245.51 m / 245.51 m	
4 1/2"	sg / sg	501.00 m / 501.00 m	4 1/2" 114mm 10.8ppf Range 1 Ozcom Vam

Prognosis and Preliminary Correlation

Top	Actual Depth (186.00 m DF MSL)			Prognosis MD	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
Oodnadatta Formation	276.00	276.00	90.00		N/A	First appearance of Inoceramus fragments	
Bulldog Shale	357.00	357.00	171.00		N/A	Non calcareous	
Cadna-owie Fm	406.00	406.00	220.00	435.00	29.0 H	Coarse loose sandstone	
Algebuckina Sandstone	424.00	424.00	238.00		N/A	Coarse friable sandstone	
Purni Formation	498.00	498.00	312.00	550.00	52.0 H		



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Top	Actual Depth (186.00 m DF MSL)			Prognosis	H/L	Pick Criteria	Remarks
	MD	TVD	MDSS	MD			
						Claystone below m-c sandstone	

Well Geologist

Michael Harrison