



# DAILY GEOLOGICAL REPORT

DATE: 25 Dec 2009  
REPORT NO.: 22  
( associated DDR # 22 )

## 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)	773.0 m	SPUD DATE	04 Dec 2009
DAYS SINCE SPUD	21.39 ( Days on well: 24.00)	LAST CASING	4.500 in @ 501.0 m MD
PRESENT DEPTH MD	773.0 m	BACKGROUND GAS	0.00 Unit @ 750.0 m
24 Hr Progress (Geology)	0.0 m	MAX GAS	Unit
AVERAGE ROP	0.00 m/h	MUD WEIGHT	1.05 sg (WBM)
Operations Status @ 0600hrs	Pulling out of hole to retrieve test tools.	ECD	
PROGNOSSED 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:	No coring today. Ran DST 3, 758.9 - 773m. attempting to pull out
NEXT OPERATION:	Retrieve test tools. Run back in hole, core 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

## Lithology Summary

Interval MDBRT (m)	Lithology	%	Description
From To			
	No new core		

## Prognosis and Preliminary Correlation

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



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**Well Geologist**

Graham McClung