



DAILY GEOLOGICAL REPORT

DGR 16

Date:	29 December 2008	Licence / State:	VIC/P46
Report Period:	06:00 – 06:00 hrs AEDT	Rig:	Seadrill: West Triton
Days From Spud:	15	RT - SEAFLOOR:	76.7m
Current Hole Size:	311mm (12.25")	WATER DEPTH	38.7 m MSL
		RT:	38.0 m MSL
Depth @ 06:00 Hrs EST:	2807.2m MDRT	PTD:	4000.0 m MDRT
	2804.6m TVDRT	Spud Date:	14 December 2008
	-2766.6m SS		
24 Hr Progress:	41.2m		
06:00 – 06:00 EST			
Current Operation:	Rigging to run 9 5/8" intermediate casing , picking up shoe track.		
AFE Cost	(Drill)\$	(C&S)\$	Cost To Date:
		(P&A)\$	

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	119m	762mm (30")		X52	116m	
2	444mm (17.5")	999m	340mm(13.375")	68lb/ft	NT80HE	987m	15.0ppg EMW
3	311mm(12.25")		244mm(9.675")				

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCI:	Cl -:	PV/YP:	Rmf
09:30	KCI Polymer	10.0	47	5.2	8.8	7.0%	46k	15/35	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition	
Present	5	Reed	PDC	RSX616M-A10	311mm (12.25")	19.3	410.5	1 1 LT G X I BU TD
Last	4	Reed	PDC	RSR616M-A10	311mm (12.25")	83.3	1369.5	5 3 RO C I LT BHA

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
74	MWD	2737.95	2.76	86.66	2735.49	75.49	223.48
75	MWD	2767.46	3.28	73.47	2764.96	74.24	222.80
76	MWD	2783.95	3.22	72.34	2781.43	73.43	222.43

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	2766-2807.2m	53 total	

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs AEDT

Drilled ahead 311mm (12.25") correctional hole 2766-2807.2m. Circulate and condition hole. POOH. Slipped and cut drilling line at 958m. POOH laid out BHA.

Anticipated operations:

RIH with 9 5/8" casing.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Normanby-1	(MDmRT)	(mSS)
Heytesbury Group	76.7	-38.7	0m	10 High	76.7	-38.7
Nirranda Group	492	-454	49m Low	145 High	443.0	-405.0
Dilwyn Formation	576	-538	38m Low	152 High	538.0	-500.0
Pember Mudstone	963	-925	15m Low	255 High	948.0	-910.0
Pebble Point Formation	1075	-1037	47m Low	227 High	1028.0	-990.0
Timboon Sandstone	1092	-1054	44m Low	236 High	1048.0	-1010.0
Paarratte Formation	1245	-1207	22m Low	251 High	1223.0	-1185.0
Skull Creek Mudstone	1705	-1666	1m Low	258 High	1703.0	-1665.0
Nullawarre Greensand	1850	-1811	26m Low	232 High	1823.0	-1785.0
Belfast C & B Mudstone	1905	-1867	27m Low	220 High	1878.0	-1840.0
Belfast A Mudstone	2160	-2122	3m High	240 High	2163.0	-2125.0
Flaxman Formation					2938.0	-2900.0
Waarre Formation Unit C					3228.0	-3190.0
Waarre Formation Unit B					3533.0	-3495.0
Waarre Formation Unit A					3588.0	-3550.0
Eumeralla Formation					3988.0	-3950.0
Total Depth					4000.0	-3962.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
2750-2807.2m	Nil	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
2750-2807.2m 7-41m/hr 27m/hr avg	<p>Siltstone and with minor interbedded Sandstone</p> <p>SANDSTONE (10%) Quartzose with minor feldspathic component, clear to translucent to milky white, frosted, medium grey, very fine to fine, subangular, well sorted, common silty matrix, weak silica cement, common carbonaceous fragments trace pyrite, trace dolomite, trace calcarenite, poor porosity, no fluorescence.</p> <p>SILTSTONE (90%) Dark grey to olive grey, arenaceous, carbonaceous, micaceous, commonly pyritic, firm to hard, blocky. Trace Claystone.</p>	26 u BG 96/3/1/0/0

REMARKS:

DGR 16 links to DDR 19



LWD Offsets from Bit:

Run 3:

GR: 13.37m
Res: 13.32m
ECD: 12.61m
Survey: 21.42m
Sonic: 30.82m

Geologists: Roman Leslie / Greg Clota