



DAILY GEOLOGICAL REPORT

DGR 14

Date:	27 December 2008	Licence / State:	VIC/P46
Report Period:	06:00 – 06:00 hrs AEDT	Rig:	Seadrill: West Triton
Days From Spud:	13	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:	2402m MDRT	PTD:	4000.0 m MDRT
	2399.78m TVDRT	Spud Date:	14 December 2008
	-2361.78m SS		
24 Hr Progress:	5.5m		
06:00 – 06:00 EST			
Current Operation:	Drilling ahead 12 ¼" hole (deviation correction run) in the Belfast Mudstone		
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
22:00	KCI Polymer	9.80	57	4.5	8.5	7.1%	47.5k	14/32	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	5	Reed	PDC	RSX616M-A10	311mm (12.25")	0.8	5.5	
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)
62	MWD	2323.60	3.26	226.76	2321.49	77.12	227.51
63	MWD	2382.70	3.36	228.47	2380.49	80.53	227.52

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	2396.5-2402m	42	

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs AEDT

Trouble shot cyber/drawworks slow mode issue in conjunction with live link to NOV Norway. Repair problem. RIH with BHA to 121m, shallow tested MWD, 800 GPM, 1050 PSI. Good test. Made up TDS, precautionary washed and reamed to bottom from 2346m to 2396m Drilled ahead 311mm (12.25") correctional hole 2396.5-2402m.

Anticipated operations:

Drill ahead 311mm (12.25") correctional hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		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
2396.5-2400m	Nil	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas	2386.5	41 u		96/3/1/0/0
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
2396.5-2400m 1.6-15m/hr 9m/hr avg	<p>Sandstone with interbedded Siltstone and Claystone SANDSTONE (75%) Quartzose, clear to translucent, frosted, light olive grey to brownish grey to medium light grey, very fine to medium, predominantly fine, subangular to subrounded, well sorted, common carbonate cemented aggregates, trace dolomite, fair to porosity, no fluorescence SILTSTONE (15%) Dark grey to olive grey, argillaceous, micaceous, commonly pyritic, firm, blocky to subfissile, trace to dark grey to black, hard to very hard, subfissile to fissile silty shale. CLAYSTONE (10%) Light grey to light olive, silty in part, micromicaceous, soft to slightly dispersive, massive to amorphous.</p>	4 u BG 94/4/1/1/0



REMARKS:

DGR 14 links to DDR 17

LWD Offsets from Bit:

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Run 3:

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

Geologists: Roman Leslie / Greg Clota