



## DAILY GEOLOGICAL REPORT

DGR 28

<b>Date:</b>	10 January 2009	<b>Licence / State:</b>	VIC/P46
<b>Report Period:</b>	06:00 – 06:00 hrs AEDT	<b>Rig:</b>	Seadrill: West Triton
<b>Days From Spud:</b>	27	<b>RT - SEAFLOOR:</b>	76.7m
<b>Current Hole Size:</b>	216mm (8.5")	<b>WATER DEPTH</b>	38.7 m MSL
		<b>RT:</b>	38.0 m MSL
<b>Depth @ 06:00 Hrs EST:</b>	3585m MDRT	<b>PTD:</b>	4000.0 m MDRT
	3580.4m TVDRT	<b>Spud Date:</b>	14 December 2008
	-3542.4 SS		
<b>24 Hr Progress:</b>	0m		
<b>06:00 – 06:00 EST</b>			
<b>Current Operation:</b>	RIH with cementing stinger		
<b>AFE Cost (Drill)\$</b>	<b>(Coal&amp;S)\$</b>	<b>Cost To Date:</b>	
	<b>(P&amp;A)\$</b>		

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT/FIT
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")	2807	244mm(9.675")	53.5lb/ft	P110	2800.3m	- / 16.0ppg EMW

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
19:00	KCl Polymer	10.9	64	6.0	8.5	7%	40k	22/28	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition	
Last	6	Security	PDC	SE3653Z	216mm (8.5")	42.4	778	1 1 CT N X I NO TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
103	MWD	3569.38	7.28	160.29	3564.07	91.88	191.43

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

## OPERATIONS SUMMARY

### Previous 24 hrs Operations Summary at 06:00 hrs AEDT

Ran Run 3 Checkshot (38 Levels), Run 4 CST-GR (Rec: 90%). Rigged down E-loggers. Removed MWD standpipe pressure sensor. Made up TIW valve to drillpipe. Made up 89mm (3.5") mule shoe and ran in hole 21 joints of 89mm (3.5") drillpipe. Continued RIH with 140mm (5.5") drillpipe.

### Anticipated operations:

Continue with Plug and Abandonment programme.



**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	-1866	26m Low	232 High	1878.0	-1840.0
Belfast A Mudstone	2160	-2120	5m High	253 High	2163.0	-2125.0
Flaxman Formation	2873	-2832	68m High	363m Low	2938.0	-2900.0
Waarre Formation Unit C	3186	-3145	45m High	385m Low	3228.0	-3190.0
Waarre Formation Unit B	3494	-3451	44m High	393m Low	3533.0	-3495.0
Waarre Formation Unit A	3531	-3489	61m High	310m Low	3588.0	-3550.0
Eumeralla Formation					3988.0	-3950.0
Total Depth	3585	-3542.4			4000.0	-3962.0

**HYDROCARBON SHOW SUMMARY**

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
3585m	Total Depth	

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

**GEOLOGICAL SUMMARY**

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
3585	Total Depth	

**REMARKS:**

DGR 28 links to DDR 31

Final Geological Report - 2 Geologists Clota/Ricketts off rig 10/1/09

**LWD Offsets from Bit:**

2 MWD Engineers off rig 9/1/09

**Geologists: Greg Clota/Brian Ricketts**