



DAILY GEOLOGICAL REPORT

Date:	31 July 2009	Rig:	Ocean Patriot
Report Number:	8	Bit Diameter:	216 mm
Report Period:	00:00 - 24:00 Hours	Last Casing:	244 mm @ 2910.9 mMDRT
Spud Date:	22-Jul-2009 03:00 Hours	Integrity Test:	-
Days From Spud:	9.9	Mud Weight:	1.12 sg
Depth @ 2400 Hrs:	2918 mMDRT	ECD:	
	2474.9 mTVDRT	Mud Type:	KCl-KlaStop-Polymer
	2453.4 mTVDMSL	Mud Chlorides:	53,000 mg/L
Lag Depth:	-	Est. Pore Pressure:	
Last Depth:	2918 mMDRT	DXC:	
Progress:	0 m	Last Survey:	2876.96 mMDRT
Water Depth:	154.2 m	Deviation:	Inc. 37.06°
RT:	21.5 m		Az. 144.65°

OPERATIONS SUMMARY

24 HOUR SUMMARY: Pressure test BOP and surface equipment. Lay out 311 mm (12 1/4") BHA. Make up and run 216 mm (8 1/2") bit and BHA to 2885 mMDRT.

NEXT 24 HOURS: Drill out cement and shoe plus 3 metres of new formation to 2921 mMDRT. Perform FIT to 1.56 sg EMW. Drill 216 mm (8 1/2") hole to TD.

CURRENT OPERATION @ 06:00 HRS (01-Aug-2009): Drilling 216 mm (8 1/2") hole at 2932 mMDRT.

GEOLOGICAL SUMMARY

MUDLOGGING EQUIPMENT / PERSONNEL

2 Data Engineers, 2 Mudloggers, 2 Sample Catchers on board

2 Flair Engineers on board.

MWD

2 Directional Drillers, 3 LWD Engineers on board.

Sensor distances behind the bit:

Gamma Ray	9.17 m
Resistivity	9.70 m
Direction	15.67 m

**PROVISIONAL FORMATION TOPS**

Formation Name	Prognosed Depths			Actual Depths			Diff. TVT (m)	Picks Based On
	MD (m)	TVDRT (m)	TVDMSL (m)	MD (m)	TVDRT (m)	TVDMSL (m)		
Gippsland Limestone	176.5	176.5	(155)	175.7	175.7	(154.2)	0.8 H	
Lakes Entrance Fm	2094.8	1816.4	(1794.9)	2100	1824.4	(1802.9)	8 L	Subtle change in lithology
Top Latrobe Group	2501.2	2143.9	(2122.4)	2495	2137.3	(2115.8)	6.6 H	Increase in GR & RES
K2 Sandstone Marker	2946.1	2502.5	(2481)				-	
Zone 0	3545.4	2985.4	(2963.9)				-	
Zone 2	3658.1	3076.3	(3054.8)				-	
Zone 6	3835.3	3219.1	(3197.6)				-	
Top Volcanics	3901	3272	(3250.5)				-	
Total Depth	3951	3312.3	(3290.8)				-	

WELLSITE GEOLOGISTS

Ian Walker / Shane Robbie / Lucy Farmer