

**DAILY GEOLOGICAL REPORT**

Date:	30 July 2009	Rig:	Ocean Patriot
Report Number:	7	Bit Diameter:	311 mm
Report Period:	00:00 - 24:00 Hours	Last Casing:	244 mm @ 2910.86 mMDRT
Spud Date:	22-Jul-2009 03:00 Hours	FIT:	1.56 sg EMW @ 1056.6 mMDRT
Days From Spud:	8.9	Mud Weight:	1.16 sg
Depth @ 2400 Hrs:	2918 mMDRT	ECD:	
	2474.9 mTVDRT	Mud Type:	KCl-KlaStop-Polymer
	2453.4 mTVDMSL	Mud Chlorides:	46,000 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: Ran 244 mm (9 5/8") casing to 2910 mMDRT. Cemented casing with the shoe set at 2910.86 mMDRT. Pressure tested BOP.

NEXT 24 HOURS: Pressure test BOP. Lay out 311 mm (12 1/4") BHA. Make up and run 216 mm (8 1/2") bit and BHA. Drill out cement and shoe plus 3 metres of new formation. Perform FIT to 1.56 sg EMW. Drill 216 mm (8 1/2") to TD.

CURRENT OPERATION @ 06:00 HRS (31-Jul-2009): POOH with wear bushing running tool.

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.

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	(155.0)	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