

Longtom-4 P



Date:	31-07-2008	Last Casing:	273 mm (10.75") @ 2590.8 mMDRT
Report Number:	8	Leak Off Test:	1.64 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	241 mm (9½")
Depth @ 2400 Hrs:	2986 mMDRT	Mud Weight:	1.45 sg
Last Depth:	2986 mMDRT	ECD:	1.55
Progress:	0 m	Mud Type:	SOBM
TD Lithology:	Volcanics	Vis:	78 sec/qt
Water Depth:	55.97 m (LAT)	Mud Fluid Loss:	2.0cc/30min
RT Elevation:	41.06 m (LAT)	Bit Type:	

OPERATIONS SUMMARY

24 HOUR SUMMARY**00:00 - 24:00:**

Serviced TDS, 2 x main engines dropped off line, restarted engines and continued RIH from 253m to 785m. 2 x main engines dropped off line, restarted engines and continued to RIH to shoe at 2591m. Troubleshoot engines, cleaned fuel settling tank and brought 3 engines back on line. Continued to RIH to 2858m, pumped CST at 2855m and placed balanced cement plug from 2848m to 2698m. Pulled up 6 stands and circulated bottoms up. POOH cementing assembly to 165m. END OF SECTION LONGTOM-4 P.

06:00 Update

Start of LONGTOM-4 H from 0000 hrs. Laid down 2.875in cement stinger joints. Cleaned rig floor and made up 9.5in rotary steerable BHA and RIH with bit #10 to 214m.

NEXT 24 HOURS:

Continue RIH picking up 5.5in DP to drill start of horizontal section of Longtom-4.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT (mTVDSS)	Description
	No new lithology

HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
	Nil

GAS SUMMARY:

INTERVAL (mMDRT)	Total GAS (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	NC4 (ppm)	IC5 (ppm)	NC5 (ppm)

SURVEYS

MD	ANGLE	Azi	TVD					
2916.37	46.19	183.31	2555.10					
2946.06	45.04	184.18	2575.87					
2970.49	45.14	184.59	2593.11					

FORMATION TOPS

<i>WD = 55.97 m LAT</i> <i>RTE = 41.06 m LAT</i>								
FORMATION	PROGNOSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDRT	TVDSS	THICK	MDRT	TVDSS	HI/LO	THICK	DIFF
Sea Floor/ Gippsland Limestone	78.5	-57	n/a	97.0	-55.97			
Lakes Entrance	-	-						
Latrobe	1299.2	-1223.8		1291	-1214.6	9.2 Hi		
K/T Boundary	-	-						
Un-named Volcanics	1690.5	-1561.7		1695	-1562.8	1.1 Lo		
Chimaera	1724.1	-1590.7		1710	-1575.8	14.2 Hi		
Kipper Shale	1757.4	-1619.5		1755	-1614.6	4.9 Hi		
Admiral Formation	2179	-1983.9		2215	-2015.9	32 Lo		
500 Sands	2287.8	-2077.7		2316	-2101.7	24 Lo		
400 Sands	2418.8	-2187.3		2494	-2241.5	54.2 Lo		
300 Sands	2544.2	-2278.6		2610	-2316.6	37.7 Lo		
200 Sands	2696.3	-2367.2		2683	-2359.8	7.4 Hi		
100 Sands	2819.9	-2439.5		2821	-2448.6	9.1 Lo		
50 Sands	2970.4	-2527.4		2957	-2542.7	15.3 Lo		
Emperor Volcanics	3041.8	-2569.1		2968	-2550.7	18.4 Hi		
TD	3080.0	-2591.4		2987	-2563.7			

COMMENTS:

Top 300 Sands has been revised.

Water depth and RT elevation are referenced to LAT.

- RT to Sea Level (LAT) = 41.06m
- RT to Sea Bed = 97.03m
- Water Depth = 55.97m (LAT)

WELLSITE GEOLOGISTS: Cliff Menhennitt Hamish Little