

Longtom-4 H



Date:	01-08-2008	Last Casing:	273 mm (10.75") @ 2590.8 mMDRT
Report Number:	1	Leak Off Test:	1.64 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	241 mm (9½")
Depth @ 2400 Hrs:	2698 mMDRT	Mud Weight:	1.45 sg
Last Depth:	2698 mMDRT	ECD:	1.55
Progress:	0 m	Mud Type:	SOBM
TD Lithology:	-	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:**

Laid down 2.875in cement stinger joints. Picked up bit #10 and rotary steerable BHA and RIH picking up DP from 214m to 293m. Repaired burst hose on iron roughneck and continued RIH picking up DP to 1246m. Performed rig service and installed cooler fan on TDS hydraulic system. RIH with pipe from derrick to 1452m. Shut down operations due to extreme winds: 55 - 70knots.

06:00 Update

RIH at 1689m.

NEXT 24 HOURS:

Continue RIH with bit #10 and commence drilling kick-off section of Longtom-4 H.

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					

FORMATION TOPS

WD = 55.97 m LAT RTE = 41.06 m LAT								
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								
100 Sands								
50 Sands								
Emperor Volcanics								
TD								

COMMENTS:

Expected top of cement in Longtom-4 P is 2685mMD.

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