

Longtom-4 P



Date:	26-07-2008	Last Casing:	273 mm (10.75") @ 2590.8 mMDRT
Report Number:	3	Leak Off Test:	1.64 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	241 mm (9½")
Depth @ 2400 Hrs:	2841 mMDRT	Mud Weight:	1.45 sg
Last Depth:	2819 mMDRT	ECD:	1.55
Progress:	22 m	Mud Type:	SOBM
TD Lithology:	Sandstone	Vis:	86 sec/qt
Water Depth:	55.97 m (LAT)	Mud Fluid Loss:	2.0cc/30min
RT Elevation:	41.06 m (LAT)	Bit Type:	Smith M716PXC

OPERATIONS SUMMARY

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

Drilled 9.5in hole from 2819m to 2841m - core point. Circulated and POOH back reaming over 3 sections to recapture missed MWD/LWD data. Continued POOH and laid down malfunctioning Schlumberger tools in BHA. Made up core barrel and RIH same to 2369m.

06:00 Update

Continued RIH with core barrel from 2369m to 2812m. Washed down using 300gpm from 2812m and tag bottom at 2841m. Dropped ball - pressure increased from 400psi to 750psi. Took SCR's. Cut core #1 from 2841m to 2895m making a connection for a new stand at 2869m. Core at 60 - 70rpm, 230gpm, 1100psi and 7klbs WOB. ROP 5 - 20m/hr.

NEXT 24 HOURS:

Complete cutting core, POOH and lay down core and core barrel. Pick up 9½ in BHA to drill ahead.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT (mTVDSS)	Description
	No new lithology

HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
2600-2841	Nil

GAS SUMMARY:

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

SURVEYS

MD	ANGLE	Azi	TVD					
2798.55	47.70	183.57	2474.21					

FORMATION TOPS

WD = 55.97 m LAT RTE = 41.06 m LAT								
FORMATION	PROGNOSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDKB	TVDSS	THICK	MDKB	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		2564	-2288.2	9.6 Lo		
200 Sands	2696.3	-2367.2		2683	-2359.8	23.2 Hi		
100 Sands	2819.9	-2439.5		2821	-2448.6	9.1 Lo		
50 Sands	2970.4	-2527.4						
Emperor Volcanics	3041.8	-2569.1						
TD	3080.0	-2591.4						

COMMENTS:

Loss of communication with the rotary steerable down-hole motor from 2663m continued to effect directional control during drilling to core point. Without control the BHA had a dropping tendency.

All recorded LWD data downloaded.

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