

Longtom-4 P



Date:	30-07-2008	Last Casing:	273 mm (10.75") @ 2590.8 mMDRT
Report Number:	7	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:**

Completed logging run #1 XPT/DSI, rigged up and ran log #2 CST/GR. GR failed once in the hole, POOH GR to surface and changed out GR. Continued RIH and completed log #2 CST/GR. Picked up cement stinger made up of 2.875in tubing and run on 5.5in DP and RIH to 253m. Performed rig service.

06:00 Update

RIH with cement stinger at 1615m.

NEXT 24 HOURS:

Pending status of main engines, continue and place cement plug in pilot hole, POOH and pick up DP for new horizontal section.

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

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	-2316.3	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:

Gamma Ray tool failure on Suite 2 Run 2 CST, POOH to retrieve back up tool amounted to 6 hours 35 minutes lost time. Shot 60, recovered 53, 2 misfires, 3 lost in hole and 2 empty.

Alteration to Top of 300 Sand after logging Pilot Hole.

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