

Longtom-4 H



Date:	06-08-2008	Last Casing:	273 mm (10.75") @ 2590.8 mMDRT
Report Number:	6	Leak Off Test:	1.64 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	241 mm (9½")
Depth @ 2400 Hrs:	3577 mMDRT	Mud Weight:	1.45sg
Last Depth:	3577 mMDRT	ECD:	-
Progress:	0 m	Mud Type:	SOBM
TD Lithology:	Claystone	Vis:	110 sec/qt
Water Depth:	55.97 m (LAT)	Mud Fluid Loss:	5.0cc/30min
RT Elevation:	41.06 m (LAT)	Bit Type:	REED RSX616M-A4

OPERATIONS SUMMARY

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

POOH, due to MWD failure, with bit #10 from 3149m to 214m, flowchecking at shoe. Laid out all BHA tools, changed bit and BHA tools and RIH to 2577m shallow testing tools at 273m. Commenced changing out saver sub on TDS.

06:00 Update

Continued with changing out saver sub and grabber dies on TDS. Continued RIH from 2577m to 3129m. Hole tight. Worked pipe through tight spots including washing and reaming from 3129m to 3228m. Max 40klbs over sliding weight to RIH without rotation.

NEXT 24 HOURS:

Continue RIH and drill 9½" hole from 3577m.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT (mTVDSS)	Description
	No new lithology drilled

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					
3492.03	91.51	180.60	2627.55					

3521.63	91.27	178.88	2626.83					
3551.39	91.44	180.83	2626.12					

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	2696.3	-2367.2		2696.3	-2367.2			
100 Sands	2828.8	-2450.9		2828.2	-2449.6	1.3 Lo		
50 Sands	3092.2	-2659.9		3132.0	-2571.3	11.4 Lo		
Emperor Volcanics								
TD								

COMMENTS:

MWD/LWD Sensor Offsets BHA # 8 (Anadrill), Bit # 11

Sensor	Distance to bit	Record Rate
Gamma Ray	9.69 m	2 seconds
Resistivity	12.73 m	2 seconds
Thermal Neutron Porosity	13.14 m	4 seconds
Density	10.95 m	4 seconds
Spectroscopy	13.29 m	4 seconds
Ultrasonic Caliper	11.32 m	4 seconds
Pressure Whilst Drilling	9.86 m	4 seconds
Direction & Inclination	20.07 m	

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