

Longtom- 3 H



Date:	23-08-2006	Last Casing:	273 mm (10 ¾") at 2374.3 mMDRT
Report Number:	12	Leak Off Test:	1.80 sg EMW at 2484 mMDRT
Report Period:	24hrs to 24:00	Current hole size:	241 mm (9½ ")
Depth @ 2400 Hrs:	4090 m	Mud Weight:	1.3 sg
Last Depth:	4090 m	ECD:	No data from LWD
Progress:	0 m	Mud Type:	SBM Petrofree
TD Lithology:	Sandstone and Siltstone	V: 6 / 3	12 / 10
Water Depth:	56.0 m	Mud Fluid Loss:	3.2 cc
RT Elevation:	21.5 m	Bit Type:	Smith M716PXC Serial #: JW8664

OPERATIONS SUMMARY

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

Pull out of the hole from 3905m MDRT to 3100m MDRT. Test LWD, no communication. Pull out of hole. Remove radio-active source from Ecoscope, trouble shooting of Anadril LWD tools. Plug into data port and attempt to read tool, no success. Laid out Ecoscope and Telescope. Service travelling blocks and top drive. Picked up un-calibrated Eco-scope and high hour Telescope and shallow test, no success. Laid out Telescope and picked up back up Telescope and shallow test, no success. Rack back high hour Telescope and Ecoscope in derrick. Laid out Xceed and bit. Ran Telescope - Ecoscope and shallow test, working ok. Laid out high hour Telescope and un-calibrated Ecoscope. Removed extender from Xceed, extender tested ok when out of tool but un-serviceable when inside tool. Picked up Telescope/Ecoscope (calibrated)/ Xceed and shallow tested. Telescope/Ecoscope working ok. Data down loaded from Xceed indicated unit was un-serviceable. Commence making up a rotary build assembly without the Xceed.

06:00 Update

Running into the hole with rotary build assembly, current depth 930m.

NEXT 24 HOURS:

Complete trip in hole and drill ahead with rotary build assembly with Ecoscope / Telescope. Drill ahead from 4090m MDRT.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT	Description
	No New lithology drilled.

HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
	No Fluorescence.

GAS SUMMARY:

INTERVAL (mMDKB)	Total GAS (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	NC4 (ppm)	IC5 (ppm)	NC5 (ppm)
No circulation								

SURVEYS

Tie in point to Longtom -3 ST1 is 2400.00m

MD	ANGLE	Azi	TVD	MD	ANGLE	Azi	TVD
4059.30	94.50	189.67	2520.3				
4080.00	94.00	190.00	2518.5				
PROJECTION TO BIT							

FORMATION TOPS

<i>WD = 56.7 m</i> <i>RTE = 21.5 m</i>								
FORMATION	PROGNOSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDKB	TVDSS	THICK	MDKB	TVDSS	HI/LO	THICK	DIFF
Top 200 sand	2405.0	2182.0	199.5	2406.0	2182.1	0.1 LO		
Base 200 sand at vertical section 800.4m				2649	2289.3			
Base 200 sand at vertical section 882.4m				2740	2327.9			
Base 200 sand at vertical section 1044.1m				2912	2385.9			
Top 100 sand at vertical section 1376.4m				3268.0	2507.2			
Top 100 sand at vertical section 1864.6m				3758.0	2517.0			
100 sand at vertical section 1939.5m				3833.0	2512.4			
Top 100 sand at vertical section 2028.3m				3922.0	2507.5			
100 sand at vertical section 2144.1m				4038.0	2500.1			

Sand 1 target	2852.36	2381.5						
Sand 2 target	3006.9	2450.0						
Sand 3 target	3431.5	2549.5						
Sand Drain target	3957.1	2539.5						
Sand 4 target	4481.2	2463.5						
TD	5833.0	2489.3						

COMMENTS:

WELLSITE GEOLOGISTS:

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