Longtom- 3 H

Date:	22-08-2006	Last Casing:	273 mm (10 ¾") at 2374.3 mMDRT
Report Number:	11	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:	1.44 sg
Last Depth:	4080 m	ECD:	No data from LWD
Progress:	10 m	Mud Type:	SBM Petrofree
TD Lithology:	Sandstone and Siltstone	V: 6 / 3	13 / 12
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 hole with BOP test assembly. Pressure test surface equipment. Load LWD source, RIH washed down from 4048m to bottom at 4080m MDRT. Anadril down hole tools failing to communicate with each other. Attempt several parameter changes and condition mud prior to commencing trip out of hole, pull to 4017m MDRT. Instructions form town to run to bottom and drill 10m of new hole in an attempt to shock tool into operating correctly. Drill 4080m MDRT to 4090m MDRT, tools still un-serviceable. Commence trip out of hole.

06:00 Update

Pulling out of hole at 1928m MDRT.

NEXT 24 HOURS:

Complete trip out of hole. Trouble shoot and replace failed LWD components. Shallow test LWD, run in hole to 4090m MDRT and drill ahead 9 1/2" hole to section TD as per directional plane rev 7.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT	Description
4080 - 4090m ROP: 7.5-42.1 Av: 22.7 m/hr 4082-4090m NOT CIRCULATED OUT	**Massive Sandstone with minor Siltstone.** SANDSTONE (85%): light yellowish grey, occasionally light grey grains, clear to translucent, very fine to fine, moderately well sorted, sub rounded to sub angular, trace to common calcareous grains, very soft aggregates with 60-70% argillaceous matrix, white kaolinitic matrix in part, poor inferred porosity. SILTSTONE (15%): medium to dark brownish grey, rare light olive grey, sub blocky to blocky, soft and friable, arenaceous to argillaceous, carbonaceous specks, occasional trace very fine sand grains.

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)
TRIP GAS at 4080m	28.58	210734	2909	344	71	36	4	1
4080-4082m	0.4	3238	94	21	10	5	2	0
Peak 4080.5m	0.5	4157	120	26	11	5	1	0
4082-4090m NOT CIRCULATED OUT								

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

WD = 56.7 m
RTE = 21.5 m

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:

Sensor Distances: Xceed D&I 4.20m, GR 9.78m, APWD 9.95m, Density 10.99m, Ultrasonic Caliper 11.41m, Resistivity 12.83m, Neutron Porosity 13.08m, TeleScope D&I 20.14m

WELLSITE GEOLOGISTS:

Mike Woodmansee **Trevor Lobo**