

DAILY GEOLOGICAL REPORT

Date:	14 March 2008	Rig:	West Triton
Report Number:	6	Bit Diameter:	311mm (12 ¼")
Report Period:	06:00 - 06:00 Hours	Last Casing:	508mm Conductor @ 275.2 mMDRT
Spud Date:	10-Mar-2008 13:00 Hours	Integrity Test:	N/A
Days From Spud:	3.7	Mud Weight:	1.15 sg
Depth @ 0600 Hrs:	907.0 mMDRT	ECD:	
	-869.0 mTVDAHD	Mud Type:	KCL Polymer
Lag Depth:	907.0 mMDRT	Mud Chlorides:	38000.00 mg/L
Last Depth:	540.0 mMDRT		
Progress:	367.0 m	Last Survey:	887.36 mMDRT
Water Depth:	90.0 m	Deviation:	Inc. 0.25°
RT:	38.0 m		Az. 0.00°

OPERATIONS SUMMARY

24 HOUR SUMMARY: Drilled 311mm section from 540.0 to 907.0 mMDRT. Circulated hole clean, pulled out of hole at section total depth to record intermediate wireline logs. Laid out 311mm drilling assembly and LWD tools. Commenced wireline logging operation as per the programme, suite 1 / run 1: PEX-DSI.

NEXT 24 HOURS: Rig down wireline loggers. Run in hole 244mm casing and cement.

CURRENT OPERATION @ 06:00 HRS (14-Mar-2008): Rigging down wireline loggers.

GEOLOGICAL SUMMARY

LITHOLOGY

INTERVAL: 520.0 to 610.0 mMDRT (-482.0 to -572.0 mTVDAHD)
ROP (Range): 64.6 to 193.2 m/h
Av. ROP: 156.6 m/h

Interbedded CALCARENITE and CALCILUTITE

CALCARENITE (20 to 80%): light to medium grey, light to medium olive grey, light brown grey, trace to common fossil fragments, common fine to medium quartz grains, moderately hard, sub-blocky to blocky.

CALCILUTITE (20 to 80%): light to medium grey, medium dark grey to dark olive grey, common fossil fragments, moderately hard to hard, sub-blocky to blocky.

INTERVAL: 610.0 to 878.0 mMDRT (-572.0 to -840.0 mTVDAHD)
ROP (Range): 43.9 to 199.5 m/h
Av. ROP: 154.5 m/h

CALCARENITE with minor interbedded CALCILUTITE

CALCARENITE (90%): light to medium grey, predominantly medium grey, light blue grey, minor medium dark grey, common very fine to fine quartz grains, common fossil fragments, moderately hard to hard, sub-blocky to blocky.

CALCILUTITE (10%): light to medium grey, medium dark grey to dark olive grey, common fossil fragments, moderately hard to hard, sub-blocky to blocky.

INTERVAL: 878.0 to 907.0 mMDRT (-840.0 to -869.0 mTVDAHD)
ROP (Range): 47.4 to 196.0 m/h
Av. ROP: 168.2 m/h

CALCARENITE with minor interbedded CALCILUTITE

CALCARENITE (90%): light to medium grey, predominantly medium grey, light blue grey, minor medium

dark grey, common very fine to fine quartz grains, common fossil fragments, moderately hard to hard, sub-blocky to blocky.

CALCILUTITE (10%): light to medium grey, medium dark grey to dark olive grey, common fossil fragments, moderately hard to hard, sub-blocky to blocky.

HYDROCARBON FLUORESCENCE

No Shows

GAS SUMMARY

Background Gas							
INTERVAL (mMDRT)	Total Gas (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	C5 (ppm)
520.0 - 610.0	0.001	11	0	0	0	0	0
610.0 - 878.0	0.001	10	0	0	0	0	0
878.0 - 907.0	0.020	134	0	0	0	0	0

Gas Peak							
INTERVAL (mMDRT)	Total Gas (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	C5 (ppm)
900.0 - 907.0	0.37	3474	6	2	0	0	0

WIRELINE

WATER BASED MUD DATA

DATE MUD CHECK	MUD TYPE	MW (sg)	pH	KCl (%)	Cl (mg/L)	Barite (%)	Rm (ohm.m)	Rmf (ohm.m)	Rmc (ohm.m)
13-Mar-2008	KCL Polymer	1.15	8	0	38000	0	0.1378	0.1301	0.1467

RUN SUMMARY

Run #	Tool String	Log From Depth (m)	Log To Depth (m)	Repeat From Depth (m)	Repeat To Depth (m)	Comments
1	PEX-DSI	279.0	907.0	0.0	0.0	Main pass recorded @ 1800 ft/hr (550 m/hr). Sonic was logged to surface. Depth to be confirmed.

TEMPERATURE DATA

Date Mud Checked: 13-Mar-2008
 Date Time Circulation Stopped: 13-Mar-2008 01:20 PM
 Circulation Time: 3.00 h

Run #	Run Date	Tool String	Max BHT (°C)	Max BHT Depth (m)	Date Time Logger on Bottom	Time Since Circ. Stopped (h)
1	3/13/2008	PEX-DSI	31.44	907.0	13-Mar-2008 23:32	10.20

REMARKS

311mm section TD of 907.0 mMDRT was reached at 10:00 hrs on 13th March 2008. Then rigged up and ran Wireline Suite 1Run 1 PEX-DSI.



WELLSITE GEOLOGISTS

Fred Fernandes