

## DAILY GEOLOGICAL REPORT

Date:29 November 2008Rig:Ocean PatriotReport Number:4Bit Diameter:406 mm

Report Period: 06:00 - 06:00 Hours Last Casing: 762mm Casing @ 460.6 mMDRT

 Spud Date:
 27-Nov-2008 13:00 Hours
 Integrity Test:
 N/A

 Days From Spud:
 1.7
 Mud Weight:
 1.03 sg

 Depth @ 0600 Hrs:
 1551.0 mMDRT
 ECD:
 N/A

-1529.5 mTVDAHD **Mud Type:** Seawater with gel sweeps

Lag Depth:N/AMud Chlorides:N/ALast Depth:520.0 mMDRTEst. Pore Pressure:1.04 sg

 Progress:
 1031.0 m
 Last Survey:
 1530.13 mMDRT

 Water Depth:
 392.6 m
 Deviation:
 Inc. 0.52°

 RT:
 21.5 m
 Az. 4.62°

# **OPERATIONS SUMMARY**

**24 HOUR SUMMARY:** Drilled ahead 406 mm hole riserless from 520.0 m to 1551.0 mMDRT.

Swept hole and spotted a hi-vis pill. Completed a 15 stand wiper trip.

NEXT 24 HOURS: Run back in hole and displace to hi-vis mud, pull out of hole and lay down

Sperry BHA. Rig up and run 340 mm (13 3/8") casing.

**CURRENT OPERATION** 

@ 06:00 HRS (29-Nov-2008): 15 stand wiper trip to ~1126.0 mMDRT.

# **GEOLOGICAL SUMMARY**

#### **LITHOLOGY**

**INTERVAL:** 520.0 to 1551.0 mMDRT (-498.5 to -1529.5 mTVDAHD)

**ROP (Range):** 12.0 to 1079.0 m/h

**Av. ROP:** 140.0 m/h

Returns to Seabed

#### MUDLOGGING EQUIPMENT / PERSONNEL

All systems operational. Still have virus issues. 2x technicians arriving on Monday to sort out virus issue and to assist with any problems that may occur when the unit is disconnected and rotated 180°.

#### **MWD**

Run #2, Bit Run #2: 406 mm LWD Tool offsets to bit:

Tool	Serial #	Distance to bit (m)
Gamma Ray	DGR LWD	10.16
Resistivity	EWR LWD	12.62
Direction and Inclination	PCDC 242	17.61
BAT Sonic	BAT LWD	24.68

Gap in realtime data from 450.0 m to 480.0 mMDRT due to insufficient flow rate for detection. Gaps in realtime data at 975.0m to 995.0 mMDRT, and from 1140.0 mMDRT onwards due to poor detection attributable to down hole drilling noise.

Anadrill unit on location and will be swapped with the current Sperry unit.



## **REMARKS**

Drilled ahead 406 mm hole riserless from 520.0 m to section TD at 1551.0 mMDRT. At TD, pumped a hi-vis sweep and circulated hole clean. Spotted a hi-vis pill on bottom and completed a 15 stand wiper trip. Ran in hole to bottom.

## **WELLSITE GEOLOGISTS**

Greg Fawns