

## DAILY GEOLOGICAL REPORT

|                          |                         |                            |                           |
|--------------------------|-------------------------|----------------------------|---------------------------|
| <b>Date:</b>             | 05 November 2008        | <b>Rig:</b>                | Ocean Patriot             |
| <b>Report Number:</b>    | 7                       | <b>Bit Diameter:</b>       | 914 mm                    |
| <b>Report Period:</b>    | 06:00 - 06:00 Hours     | <b>Last Casing:</b>        | N/A                       |
| <b>Spud Date:</b>        | 05-Nov-2008 03:30 Hours | <b>Integrity Test:</b>     | N/A                       |
| <b>Days From Spud:</b>   | 0.1                     | <b>Mud Weight:</b>         | 1.05 sg                   |
| <b>Depth @ 0600 Hrs:</b> | 586.5 mMDRT             | <b>ECD:</b>                | N/A                       |
|                          | -565.0 mTVDAHD          | <b>Mud Type:</b>           | Sea Water with Gel Sweeps |
| <b>Lag Depth:</b>        | 586.5 mMDRT             | <b>Mud Chlorides:</b>      | N/A                       |
| <b>Last Depth:</b>       | N/A                     | <b>Est. Pore Pressure:</b> | N/A                       |
| <b>Progress:</b>         | 586.5 m                 | <b>Last Survey:</b>        | N/A                       |
| <b>GL Elevation:</b>     | 0.0 m                   | <b>Deviation:</b>          | N/A                       |
| <b>RT:</b>               | 21.5 m                  |                            |                           |

### OPERATIONS SUMMARY

**24 HOUR SUMMARY:** Continued to rig up in preparation for spud. Spudded Dory-1 and drilled to section TD of 586.5 mMDRT.

**NEXT 24 HOURS:** Displace hole to 1.04 SG Hi-vis mud, pull out of hole and rig up to run and cement 762 mm conductor.

**CURRENT OPERATION**

@ 06:00 HRS (05-Nov-2008): Displacing well to 1.04 SG Hi-Vis PHG mud.

### GEOLOGICAL SUMMARY

**LITHOLOGY**

**INTERVAL:** 540.0 to 586.5 mMDRT (-540.0 to -586.5 mTVDAHD)  
**ROP (Range):** 11.6 to 126.0 m/h  
**Av. ROP:** 47.0 m/h  
 Returns to Seabed

**MUDLOGGING EQUIPMENT / PERSONNEL**

All systems operational. Running virus check. Will complete a gas check later today.

**MWD**

MWD tool failed to initialize. Unable to troubleshoot problem online (changed communications cable, changed booster box, changed computer, ran deck cable, ran spare cable, changed external probe). Currently trouble shooting issues using the backup tool on deck and further investigation and service to be performed on failed tool following completion of 660 mm hole section and racking back of BHA.

**REMARKS**

This is the first Daily Geological Report for Dory-1. The report number matches the Daily Drilling Report number.

The Ocean Epoch came on hire for Dory-1 at 23:30 hours on 29<sup>th</sup> October 2008. Anchors were run and set, with the preliminary rig position of:

Latitude 38° 35' 19.759" South  
 Longitude 148° 32' 51.925" East

Easting 634798.9 mE  
 Northing 5727714.9 mN

This position is 2.1 m on a bearing of 183.4°(T) from the intended location. Final rig heading is 264.5°(T).

Preliminary Rig elevation:

RT to AHD 21.5 m  
Water Depth 518.5 m  
RT to Seabed 540.0 m

A 660 mm (26") bit with 914 mm (36") hole opener was picked up and run in hole, tagging the sea bed at 540.0 mMDRT (tide corrected). Dory-1 was spudded at 03:30 hours on 05 November 2008 and the 914 mm hole was drilled from 540.0 to 586.5 mMDRT.

**WELLSITE GEOLOGISTS**

Greg Fawns / Adam Cruickshank