

## DAILY GEOLOGICAL REPORT

<b>Date:</b>	19 November 2008	<b>Rig:</b>	Ocean Patriot
<b>Report Number:</b>	21	<b>Bit Diameter:</b>	216 mm
<b>Report Period:</b>	06:00 - 06:00 Hours	<b>Last Casing:</b>	340 mm Casing @ 1534.1 mMDRT
<b>Spud Date:</b>	05-Nov-2008 03:30 Hours	<b>LOT:</b>	1.34 sg EMW @ 1534.1 mMDRT
<b>Days From Spud:</b>	14.1	<b>Mud Weight:</b>	1.15 sg
<b>Depth @ 0600 Hrs:</b>	3814.0 mMDRT	<b>ECD:</b>	N/A
	-3791.2 mTVDAHD	<b>Mud Type:</b>	KCL / Polymer
<b>Lag Depth:</b>	N/A	<b>Mud Chlorides:</b>	540000.0 mg/L
<b>Last Depth:</b>	3814.0 mMDRT	<b>Last Survey:</b>	2938.52 mMDRT
<b>Progress:</b>	0.0 m	<b>Deviation:</b>	Inc. 1.23°
<b>Water Depth:</b>	518.5 m		Az. 64.27°
<b>RT:</b>	21.5 m		

### OPERATIONS SUMMARY

**24 HOUR SUMMARY:** Completed Wireline logging Suite #1. VSP cancelled due to whale activity. Commenced Plug and Abandonment program.

**NEXT 24 HOURS:** Complete Plug and Abandonment program. Rig down marine riser and BOP. Cut casing, recover well head, release anchors and pull off location.

**CURRENT OPERATION**

@ 06:00 HRS (19-Nov-2008): Running in the hole with 4 1/2" cement stinger.

### GEOLOGICAL SUMMARY

**MUDLOGGING EQUIPMENT / PERSONNEL**

All systems operational. Mudloggers departing rig Friday 18th November.

**WIRELINE**

Wireline logging Suite #1 complete. Tools rigged down. All RCOR & RCI tools prepared for back loading to town for service.

**RUN SUMMARY**

Run #	Tool String	Log From Depth (m)	Log To Depth (m)	Repeat From Depth (m)	Repeat To Depth (m)	Comments
4	RCOR	0.0	0.0	0.0	0.0	RCOR - 26 cores programmed. Tool communication failed at 3060.0 mMDRT during first core. Broke off core bit and POOH. Surface analysis showed a failed enhancer above the hydraulic jar.
5	VSP	1365.0	3780.0	0.0	0.0	VSP/checkshot survey Environmental Mitigation procedures enacted. Excessive noise encountered from top shuttle. Used data from 1 shuttle over 30m intervals from 3585.0 to 3525.0 mMDRT. VSP cancelled due to whales sighted in the area. Ran total of 9 checkshots.

**TEMPERATURE DATA**

**Date Mud Checked:** 15-Nov-2008  
**Date Time Circulation Stopped:** 16-Nov-2008 02:30 AM  
**Circulation Time:** 35.31 h

Run #	Run Date	Tool String	Max BHT (°C)	Max BHT Depth (m)	Date Time Logger on Bottom	Time Since Circ. Stopped (h)
1	16/11/2008	Grand Slam	84.40	3744.2	16-Nov-2008 19:20	16.83
2	16/11/2008	RCI	71.70	3099.8	17-Nov-2008 20:09	41.65
4	18/11/2008	RCOR	72.20	2865.0	18-Nov-2008 08:25	53.92

**VSP and Environmental Mitigation Measures**

Start date/time of whale observation prior to start of seismic source (at least 15 mins)	18/11/08 at 11:00 hours
Start date/time seismic source	18/11/08 at 12:00 hours
Was soft start used?	Yes, build up over 10 minutes
Were whales seen within 3 km prior to VSP starting?	No
Did whales move in within 3 km once VSP started?	Yes 18/11/08 at 18:10 hours
Did VSP stop due to whales?	Yes
End date/time seismic source	18/11/08 at 18:54 hours
Whale sighting sheet filled in?	Yes
Weather & visibility	Calm, good visibility
Additional comments	Nil

*NB: VSP cannot commence or must be shutdown if whales are sighted within 3 km of the rig.*

**MWD**

Back loading 2 X AFR tools. Personnel departing rig tomorrow.

**REMARKS**

Continued Wireline logging Suite #1. Run #4 - RCOR. Lost tool communications whilst cutting core #1. POOH to surface. Trouble shooting found a failed enhancer (tool electronics) above the hydraulic jar - not related to the coring tool itself. RCOR program was subsequently cancelled. Rigged up and commenced Run #5 - VSP, conducted checkshot survey over 30 m intervals from 3585.0 to 3525.0 mMDRT. Poor signal encountered in top shuttle. VSP then cancelled due to whale activity close to the rig.- 9 shot points taken only. POOH and laid out wireline tools. Rigged up 4 1/2" cement stinger on drill pipe and commenced running in the hole for the Plug and Abandonment program.

This is the final Daily Geological Report for Dory - 1.

**WELLSITE GEOLOGISTS**

Greg Fawns / Adam Cruickshank