

## DAILY GEOLOGICAL REPORT

<b>Date:</b>	13 December 2008	<b>Rig:</b>	Ocean Patriot
<b>Report Number:</b>	18	<b>Bit Diameter:</b>	N/A
<b>Report Period:</b>	06:00 - 06:00 Hours	<b>Last Casing:</b>	340mm Casing @ 1546.3 mMDRT
<b>Spud Date:</b>	27-Nov-2008 13:00 Hours	<b>FIT:</b>	1.65 sg EMW @ 1546.3 mMDRT
<b>Days From Spud:</b>	15.7	<b>Mud Weight:</b>	1.16 sg
<b>Depth @ 0600 Hrs:</b>	4720.0 mMDRT	<b>ECD:</b>	N/A
	-4556.4 mTVDAHD	<b>Mud Type:</b>	KCL / Polymer
<b>Lag Depth:</b>	N/A	<b>Mud Chlorides:</b>	63000.00 mg/L
<b>Last Depth:</b>	4720.0 mMDRT	<b>Est. Pore Pressure:</b>	1.04 sg
<b>Progress:</b>	0 m	<b>Last Survey:</b>	4707.92 mMDRT
<b>Water Depth:</b>	392.6 m	<b>Deviation:</b>	Inc. 22.24°
<b>RT:</b>	21.5 m		Az. 350.21°

### OPERATIONS SUMMARY

**24 HOUR SUMMARY:** Completed Wireline Suite #1 - Run #2: VSP Checkshot. Ran in hole with mule shoe to 4650.0 mMDRT. Ran Wireline Suite #1 - Run #3: VSP Checkshot in drillpipe.

**NEXT 24 HOURS:** Complete Wireline Logging operations. Commence Plug and Abandonment program.

**CURRENT OPERATION**

**@ 06:00 HRS (13-Dec-2008):** Conducting Wireline Suite #1 - Run #3: VSP Checkshot in drillpipe.

### GEOLOGICAL SUMMARY

**MUDLOGGING EQUIPMENT / PERSONNEL**

All systems operational.

**WIRELINE**

**RUN SUMMARY**

Run #	Tool String	Log From Depth (m)	Log To Depth (m)	Repeat From Depth (m)	Repeat To Depth (m)	Comments
2	Checkshot VSP	2750.0	980.0	0.0	0.0	Tool hung up at 2883m. Worked tool to attempt to get lower. Lost ground each time to 2787m. Took checkshots at 100m levels from 2750m to loss of signal at 980m. No correlation pass was possible.
3	Checkshot VSP in DP	4625.0	In progress	0.0	0.0	RIH inside drillpipe to 4625m taking checkshots as required on way down. Completed checkshot survey at 100m levels.

**TEMPERATURE DATA**

**Date Mud Checked:** 10-Dec-2008  
**Date Time Circulation Stopped:** 10-Dec-2008 08:46 PM  
**Circulation Time:** 57.00 h

Run #	Run Date	Tool String	Max BHT (°C)	Max BHT Depth (m)	Date Time Logger on Bottom	Time Since Circ. Stopped (h)
1	11/12/2008	Grand Slam	101.00	4244.3	11-Dec-2008 15:45	18.98
2	12/12/2008	Checkshot VSP	0.00	0.0	12-Dec-2008 07:20	34.57

**Date Mud Checked:** 12-Dec-2008  
**Date Time Circulation Stopped:** 13-Dec-2008 02:37 AM  
**Circulation Time:** 4.73 h

Run #	Run Date	Tool String	Max BHT (°C)	Max BHT Depth (m)	Date Time Logger on Bottom	Time Since Circ. Stopped (h)
3	13/12/2008	Checkshot VSP in DP	0.00	0.0	13-Dec-2008 05:45	3.13

### VSP and Environmental Mitigation Measures

Start date/time of whale observation prior to start of seismic source (at least 15 mins)	13/12/08 at 03:00 hours
Start date/time seismic source	13/12/08 at 03:56 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?	N/A – still in progress
Did VSP stop due to whales?	N/A – still in progress
End date/time seismic source	Still in progress
Whale sighting sheet filled in?	N/A
Weather & visibility	Windy, start VSP at night time, poor visibility
Additional comments	

### REMARKS

Completed Suite #1 Run #2: VSP Checkshot survey over 100m intervals taking reference checkshots on way in inside casing and at formation tops and troubleshooting tool as required for excessive noise. Tool hung up at 2883.0 mMDRT and was unable to work any deeper. Took checkshots at 100m levels from 2750.0 mMDRT to loss of signal at 980.0 mMDRT. Pulled out of hole to surface and rigged down wireline. Made up cementing mule shoe and ran in hole to 4650.0 mMDRT. Circulated hole clean and made up wireline tools for Suite #1 Run #3: VSP Checkshot in drillpipe while waiting on weather. Rigged up sheaves and ran wireline tool inside drillpipe to 4620.0 mMDRT, taking checkshots as required at formation tops on the way down. Conducted checkshot survey over 100m intervals from 4620.0 mMDRT.

**This is the final Daily Geological Report for Madfish-1.**

### WELLSITE GEOLOGISTS

Greg Fawns / Justin Eastwood