

# DAILY GEOLOGICAL REPORT

## Maclean-1

### Report No. 3

**Report Period: 00:00 – 24:00 hrs, 18th October 2005**

				<b>Wellsite Geologists:</b> Geoff Geary / Rob Blackmore	
<b>Rig</b>	Ocean Patriot	<b>WD (m)</b>	57.0 m	<b>Depth @ 00:00 hrs</b>	355.0 m (333.5 m TVDSS)
<b>Rig Type</b>	Semi-Submersible	<b>RT (m)</b>	21.5 m	<b>Depth Last Report (@ 00:00 hrs)</b>	355.0 m (333.5 m TVDSS)
<b>Spud</b>	16/10/05 03:30 hrs	<b>Last CSG (mRT)</b>	340 mm (13 3/8") @ 350.0 mMDRT	<b>24hr. Progress</b>	0.0 m
<b>Days from Spud</b>	2	<b>MW (SG)</b>	1.03 sg	<b>Last Survey</b>	0.70 Deg @ 310.49 mMDRT
<b>Bit Size</b>	311 mm (12 1/4")	<b>Last LOT (SG)</b>	N/A	<b>Est.Pore Pressure</b>	1.03 sg @ 355.0 mMDRT

### Operations Summary

**24hrs. Drilling Summary** Completed cementing of 340 mm (13 3/8") casing. Rigged up to run riser and BOP. Ran BOP and riser. Tested connections. Laid down 445 mm (17 1/2") BHA. Began picking up 311 mm (12 1/4") BHA.

**Current Status @ 06:00hrs** (19<sup>th</sup> October 2005) Tagged top of cement at 314.0 mMDRT. Currently drilling out cement and shoetrack.

B-grd Gas %	
ave	max
N/A	N/A

**Lithological Summary**  
00:00-06:00 hrs No returns to surface.

**Expected Next Activity** Continue picking up BHA. RIH and tag cement. Drill out cement and shoetrack. Condition mud while displacing well. Drill 3 m of new formation. Perform FIT. Drill ahead to section TD.

### Cuttings Descriptions

Depth (mRT)		ROP (m/hr.)	Descriptions (Lithology / Shows)	Backgrnd gas%	
Top	BTM	Min.-Max. (Ave.)		ave	max
N/A	N/A	N/A	No returns to surface.	N/A	N/A

### Mud Data

@ 355.0 mMDRT

Mud Type	MW (sg)	Viscosity PVYP	API Fluid Loss (cc)	HTHP Fluid Loss (cc)	LGS %	Ph	Glycol (mg/l)
Seawater & gel sweeps	1.03	-	-	-	-	-	-

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### Provisional Formation Tops

Formation (Seismic Horizon)	Prognosed** (mRT)	Actual* (mRT)	Difference (High/Low) (m)	Based on
Sea bed (sf)	94.5	78.5	16.0 H	Seabed
Lakes Entrance Fm	524.5			
Gumard Fm	604.5			
Kingfish Fm	637.5			
Volador Fm	678.5			
Strzelecki Gp	720.5			
Total Depth	771.0			

\* Wellsite pick

### Comments

- LWD sensor-bit offset distances for 311mm (12 1/4") BHA:

Resistivity = 3.39 m  
Gamma-Ray = 6.42 m  
Directional = 9.80 m

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