

# DAILY GEOLOGICAL REPORT

## Maclean-1

### Report No. 2

**Report Period: 00:00 – 24:00 hrs, 17th October 2005**

**Wellsite Geologists:** 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>	112.0 m (90.5 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>	243.0 m
<b>Days from Spud</b>	1	<b>MW (SG)</b>	1.03 sg	<b>Last Survey</b>	0.70 Deg @ 310.49 mMDRT
<b>Bit Size</b>	445 mm (17 1/2")	<b>Last LOT (SG)</b>	N/A	<b>Est.Pore Pressure</b>	1.03 sg @ 355.0 mMDRT

### Operations Summary

**24hrs. Drilling Summary**

Drilled ahead in 445 mm (17 1/2") hole to 355.0 mMDRT. Carried out wiper trip back to the casing shoe and returned to bottom prior to pulling out of hole to run 340 mm (13 3/8") casing. Rigged up and ran casing to bottom and set same at 350.0 mMDRT. Began cementing casing in place.

**Current Status @ 06:00hrs**  
(18<sup>th</sup> October 2005)

Running BOP and riser.

**Lithological Summary**  
00:00-06:00 hrs

No returns to surface.

<b>B-grd Gas %</b>	
<b>ave</b>	<b>max</b>
<b>N/A</b>	<b>N/A</b>

**Expected Next Activity**

Complete cementing of 340 mm (13 3/8") casing. Rig up to run riser and BOP. Run BOP and riser. Test connections. Pick up 311 mm (12 1/4") BHA.

### Cuttings Descriptions

Depth (mRT)		ROP (m/hr.)	Descriptions (Lithology / Shows)	Backgrnd gas%	
Top	BTM	Min.-Max. (Ave.)		ave	max
258	355	10.0-120.0 (57.8)	No returns to surface.	N/A	N/A

# DAILY GEOLOGICAL REPORT

## Maclean-1

<b>Mud Data</b>							@ 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	-	-	-	-	-	-

<b>Provisional Formation Tops</b>				
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			
Gurnard Fm	604.5			
Kingfish Fm	637.5			
Volador Fm	678.5			
Strzelecki Gp	720.5			
Total Depth	771.0			

\* Wellsite pick

-----END OF REPORT-----