

## Culverin-1



<b>Date:</b>	23-12-2005	<b>Last Casing:</b>	340 mm (13 3/8") @ 1511.14 mMDRT
<b>Report Number:</b>	4	<b>Form. Integrity Test:</b>	N/A
<b>Report Period:</b>	24hrs to 24:00	<b>Current hole size:</b>	445 mm (17 1/2")
<b>Depth @ 2400 Hrs:</b>	1525.0 mMDRT	<b>Mud Weight:</b>	1.03 sg
<b>Last Depth:</b>	1525.0 mMDRT	<b>ECD:</b>	N/A
<b>Progress:</b>	0 m	<b>Mud Type:</b>	Seawater/Gel sweeps
<b>TD Lithology:</b>	N/A drilled riser-less	<b>Mud Chlorides:</b>	600 mg/l
<b>Water Depth:</b>	585.0 m	<b>Mud Fluid Loss:</b>	14 cc
<b>RT Elevation:</b>	21.5 m	<b>Bit Type:</b>	N/A

## OPERATIONS SUMMARY

### 24 HOUR SUMMARY 00:00 - 24:00:

Landed out the BOPs and pull-tested the wellhead connector. Stroked out the slip-joint and nipped-up the surface equipment. Rigged up the diverter. Completed all pressure tests. Rigged down the riser handling equipment. Slip and cut drilling line. Laid down the 445 mm (17 1/2") BHA. Commenced making up the new 311 mm (12 1/4") BHA.

### 06:00 Update

Making up drill pipe while RIH to drill out the shoetrack.

### NEXT 24 HOURS:

Complete making up 311 mm (12 1/4") BHA. RIH and pick up drillpipe on the way in hole. Drill out the shoetrack. Displace the well to mud. Drill ahead 3m of new formation. Conduct LOT. Drill ahead.

## GEOLOGICAL SUMMARY

### ▪ LITHOLOGIC DESCRIPTION:

Interval mMDRT	Description
	No returns to surface.

### ▪ HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
	No returns to surface.

### ▪ GAS SUMMARY:

INTERVAL (mMDKB)	Total GAS (%)	C1 (%)	C2 (%)	C3 (%)	IC4 (%)	NC4 (%)	C5 (%)
No returns to surface							

▪ **SURVEYS**

MD	ANGLE	Azi						
681.95	1.26	227.0						
767.68	0.81	263.55						
825.04	0.93	254.57						
911.19	1.09	257.49						
1027.78	0.85	252.60						
1056.46	0.79	254.04						
1085.16	0.77	260.55						
1113.81	0.62	255.11						
1142.54	0.51	257.73						
1171.11	0.43	257.64						
1228.35	0.22	250.90						
1257.08	0.17	244.39						
1342.79	0.06	257.65						
1371.46	0.03	247.14						
1428.75	0.11	336.43						
1486.03	0.16	21.18						
1509.77	0.09	0.70						
1525.00	0.09	0.70						

▪ **WELLSITE GEOLOGISTS:**

Mike Woodmansee

Rob Blackmore

▪ **FORMATION TOPS**

WD = 585.0 m RTE = 21.5 m								
FORMATION	PROGNOSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDKB	SS	THICK	MDKB	SS	HI/LO	THICK	DIFF
Sea Floor	607	585	-	606.5	585.0	0.0	-	0.0
Lakes Entrance	2582	2560						
Latrobe	2907	2885						
Base TF Channel	2937	2915						
Top 67.5 Ma Sand	2947	2925						
Near 68.5 Ma Sand	3257	3235						
Near 70.3 Ma Sand	3542	3520						
TD	3612	3590						