

## Culverin-1



|                          |                        |                              |                                  |
|--------------------------|------------------------|------------------------------|----------------------------------|
| <b>Date:</b>             | 22-12-2005             | <b>Last Casing:</b>          | 340 mm (13 3/8") @ 1511.14 mMDRT |
| <b>Report Number:</b>    | 3                      | <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:**

Completed running BOPs and riser. Commenced making up slip-joint to riser and pressure testing choke and kill lines prior to landing out the BOP stack.

**06:00 Update**

Preparing to land BOP's.

**NEXT 24 HOURS:**

Land out BOPs and test wellhead connector. Pull-test connections. Stroke out the slip-joint and nipple up the surface equipment. Rig up the diverter. Complete pressure tests. Prepare to pick up 311 mm (12 1/4") BHA.

## GEOLOGICAL SUMMARY

**LITHOLOGIC DESCRIPTION:**

| Interval<br>mMDRT | Description            |
|-------------------|------------------------|
|                   | No returns to surface. |
|                   |                        |

**HYDROCARBON FLUORESCENCE:**

| INTERVAL<br>(mMDRT) | FLUORESCENCE           |
|---------------------|------------------------|
|                     | No returns to surface. |
|                     |                        |

**GAS SUMMARY:**

| INTERVAL<br>(mMDKB)   | Total GAS<br>(%) | C1<br>(%) | C2<br>(%) | C3<br>(%) | IC4<br>(%) | NC4<br>(%) | C5<br>(%) |
|-----------------------|------------------|-----------|-----------|-----------|------------|------------|-----------|
| 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<br>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 |       |                   |       |       |       |      |
|                              |                      |      |       |                   |       |       |       |      |
|                              |                      |      |       |                   |       |       |       |      |
|                              |                      |      |       |                   |       |       |       |      |
|                              |                      |      |       |                   |       |       |       |      |