| | | | |
|---|---|---|---|
| **Date:** | 31 December 2008 | **Licence / State:** | VIC/P46 |
| **Report Period:** | 06:00 – 06:00 hrs AEDT | **Rig:** | Seadrill: West Triton |
| **Days From Spud:** | 17 | **RT - SEAFLOOR:** | 76.7m |
| **Current Hole Size:** | 311mm (12.25") | **WATER DEPTH** | 38.7 m MSL |
| | | **RT:** | 38.0 m MSL |
| **Depth @ 06:00 Hrs EST:** | 2807m MDRT<br>2804.4m TVDRT<br>-2766.4m SS | **PTD:** | 4000.0 m MDRT |
| | | **Spud Date:** | 14 December 2008 |
| **24 Hr Progress:**<br>**06:00 – 06:00 EST** | 0m | | |
| **Current Operation:** | **Attempting to release casing hanger running tool.** | | |

**AFE Cost** **(Drill)$** **(C&S)$** **(P&A)$** **Cost To Date:**

| Casing Data | Hole Size | Depth | Casing Size | Wt: | Type | Shoe Depth | LOT |
|---|---|---|---|---|---|---|---|
| 1 | 914 mm (36") | 119m | 762mm (30") | | X52 | 116m | |
| 2 | 444mm (17.5") | 999m | 340mm(13.375") | 68lb/ft | NT80HE | 987m | 15.0ppg EMW |
| 3 | 311mm(12.25") | 2807 | 244mm(9.675") | 53.5lb/ft | P110 | 2800m | |

| Mud Data | Type: | Wt: | Visc: | WL: | PH: | KCl: | Cl -: | PV/YP: | Rmf |
|---|---|---|---|---|---|---|---|---|---|
| 14:00 | KCl Polymer | 10.0 | 50 | 5.0 | 8.5 | 7.0% | 46k | 15/39 | - |
| | | | | | | | | | |

| Bit Data | No. | Make | Type | | Size | Hours | Meters | Condition |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| Last | 5 | Reed | PDC | RSX616M-A10 | 311mm (12.25") | 19.3 | 410.5 | 1 1 LT G X I BU TD |

| Surveys | Type | MD (m) | Inclination | Azimuth (T) | TVD (m) | Offset (m) | Direction (T) |
|---|---|---|---|---|---|---|---|
| 76 | MWD | 2783.95 | 3.22 | 72.34 | 2781.43 | 73.43 | 222.43 |
| | | | | | | | |
| | | | | | | | |

| Fluid Loss | Interval MDRT | Total or Rate (bbl) | Remarks |
|---|---|---|---|
| Mud | 2807 | 58bbl | Total downhole losses while displacing cement. |

## OPERATIONS SUMMARY

**Previous 24 hrs Operations Summary at 06:00 hrs AEDT**

Circulated bottoms up through 244mm (9.675") casing. Mixed, pumped and displaced cement – did not bump plug. Floats held. Rigged down cementing head and lines. First joint of 244mm (9.675") casing landing string below rotary table backed off whilst attempting to release casing hanger running tool. Applied threadlock to pin and made up backed off joint to landing string. Waited on threadlock to set. Attempted to release running tool – no go – landing string backed off at the same threadlocked joint. Rigged down and pulled the diverter package. Made up 244mm (9.675") casing landing string joint and welded straps across coupling – straps broke when attempting to release running tool. Welded coupling direct to casing. Casing landing string backed off at top of running tool whilst attempting to release from casing hanger. Multiple attempts were made to release running tool – no go. Rigged down and removed BOP. Remade up 244mm (9.675") casing landing string to running tool. Applied threadlock and welded straps across connection – straps broke whilst attempting to release running tool. Bead welded connection between casing landing string and casing hanger running tool.

**Anticipated operations:**

Release 244mm (9.675") casing hanger running tool. RIH with mill and flush tool – jet wellhead. Run seal assembly. Pressure test BOP. Make up 216mm (8.5") Drilling Assembly and RIH.

## FORMATION TOPS

| FORMATION | ACTUAL TOP | | High / Low | High / Low | PROGNOSED TOP | |
|---|---|---|---|---|---|---|
| | (MDmRT) | (mSS) | Prognosis | Normanby-1 | (MDmRT) | (mSS) |
| *Heytesbury Group* | *76.7* | *-38.7* | *0m* | *10 High* | *76.7* | *-38.7* |
| *Nirranda Group* | *492* | *-454* | *49m Low* | *145 High* | *443.0* | *-405.0* |
| *Dilwyn Formation* | *576* | *-538* | *38m Low* | *152 High* | *538.0* | *-500.0* |
| *Pember Mudstone* | *963* | *-925* | *15m Low* | *255 High* | *948.0* | *-910.0* |
| *Pebble Point Formation* | *1075* | *-1037* | *47m Low* | *227 High* | *1028.0* | *-990.0* |
| *Timboon Sandstone* | *1092* | *-1054* | *44m Low* | *236 High* | *1048.0* | *-1010.0* |
| *Paarratte Formation* | *1245* | *-1207* | *22m Low* | *251 High* | *1223.0* | *-1185.0* |
| *Skull Creek Mudstone* | *1705* | *-1666* | *1m Low* | *258 High* | *1703.0* | *-1665.0* |
| *Nullawarre Greensand* | *1850* | *-1811* | *26m Low* | *232 High* | *1823.0* | *-1785.0* |
| *Belfast C & B Mudstone* | *1905* | *-1866* | *26m Low* | *232 High* | *1878.0* | *-1840.0* |
| *Belfast A Mudstone* | *2160* | *-2120* | *5m High* | *253 High* | *2163.0* | *-2125.0* |
| *Flaxman Formation* | | | | | *2938.0* | *-2900.0* |
| *Waarre Formation Unit C* | | | | | *3228.0* | *-3190.0* |
| *Waarre Formation Unit B* | | | | | *3533.0* | *-3495.0* |
| *Waarre Formation Unit A* | | | | | *3588.0* | *-3550.0* |
| *Eumeralla Formation* | | | | | *3988.0* | *-3950.0* |
| | | | | | | |
| *Total Depth* | | | | | *4000.0* | *-3962.0* |

## HYDROCARBON SHOW SUMMARY

| INTERVAL | LITHOLOGY & HYDROCARBON FLUORESCENCE | GAS |
|---|---|---|
| 2807m | No new formation drilled | |
| | | |

| GAS | MD (m) | Peak | Background | Chromatograph |
|---|---|---|---|---|
| | | | | |
| Trip Gas | | | | |
| Connection Gas | | | | |

## GEOLOGICAL SUMMARY

| INTERVAL ROP (m/hr) | LITHOLOGY | GAS (Peak / BG) Composition % |
|---|---|---|
| 2807 | No new formation drilled | |

**REMARKS:**

DGR 18 links to DDR 21

**LWD Offsets from Bit:**

**Run 4:**

TBA

**Geologists: Roman Leslie / Greg Clota**