



DAILY GEOLOGICAL REPORT

WELL: Glenaire-01 **REPORT No.:** 16-19 **DAYS FROM SPUD:** 19 **DATE:** 27/09/06
PL: PEP 160 **0000 hrs Depth:** 3002 m **LAST DEPTH:** 3002 m **PROGRESS:** 0 m
LOCATION: Otway Basin **Rig:** Ensign 32 **RT elevation:** 76.1 m **PTD:** 3945 m
Northing: 5 840 813 m N **Easting:** 499 810 m E **Ground Level:** 70.0m
NEARBY WELLS: Tullich-1, Mceachern-1, Haselgrove South-1, Heathfield-1

0600 OPS:

PREVIOUS 24 Hours Operations: Schlumberger Run#1 GR-LLD-LLS-DT-Cal, wiper trip to condition hole, lay out drill string, run and cement 178mm casing to 2999m, change BOP rams, pick up and RIH 89mm drill string, repair top drive, RIH, prepare to drill out shoe track.

Comment: Tight hole and abundant cavings encountered below 2988m on wiper trip and casing run. Cuttings shape and hole instability is suggestive of tectonic stress.

| Formation Tops (Wellsite) | Wellsite (mRT) | Wellsite (mSS) | Prognosed (mRT) | Depths (mSS) | Prognosis Diff H/L |
|------------------------------|-------------------|-------------------|--------------------|-----------------|-----------------------|
| Gambier Limestone | 6.1 | 70 | 6 | 70 | 0 |
| Dilwyn Formation | 29 | 47 | 82 | -6 | 53H |
| Pember Formation | 320 | -244 | 347 | -271 | 27H |
| Pebble Point Formation | 380 | -304 | 421 | -345 | 41H |
| Sherbrook Group | 448 | -372 | 487 | -411 | 39H |
| Eumeralla Formation | 609 | -533 | 656 | -580 | 47H |
| Windermere/Katnook Ss | Not Present | n/p | 2034 | -1958 | Not Present |
| Laira Formation | 1968 | -1892 | 2059 | -1983 | 91H |
| Pretty Hill Formation | | | 3746 | -3670 | |
| T.D. | | | 3945 | -3869 | |

| Interval (m) ROP (ave) min/m | Lithology Description | Gas/Background Breakdown C1/C2/C3/C4/C5 |
|------------------------------------|---------------------------|---|
| | No new formation drilled. | |
| Fluorescence | | |
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