



DAILY GEOLOGICAL REPORT

WELL: Glenaire-1ST1 **REPORT No.:** 47 **DAYS FROM SPUD:** 47 **DATE:** 25/10/06
PL: PEP 160 **0000 hrs Depth:** 3700 m **LAST DEPTH:** 3688 m **PROGRESS:** 12 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: Finish conditioning hole, POOH to log, RIH with Schlumberger Run#1 FMS-GR.

PREVIOUS 24 Hours Operations: Wiper trip, wiper trip gas 3561 units, drill ahead with 152mm hole to 3700m (T.D.), circulate hole clean, wiper trip, hole tight, condition hole.

Comment: T.D. 3700m reached at 1430hrs 25th October 2006.

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	3508	-1822	3746	-3670	238H
T.D.	3700	-3630	3945	-3869	245H

Interval (m) ROP (ave) min/m	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
3687 – 3700 (1.6) T.D.	<p>SILTY CLAYSTONE, (70%) medium grey to black to medium brown, moderately to very carbonaceous, trace black carbonaceous flecks and coaly detritus, trace very fine altered feldspar where brown, trace to common micromica, hard, subfissile.</p> <p>SANDSTONE, (30%) off white, very fine to medium, dominantly medium, angular to subrounded, moderately sorted, very strong silica and moderate calcareous cements, common white argillaceous matrix, quartzose, common altered feldspar grains, trace green, orange and grey lithics, trace black coaly detritus, very hard, no visual porosity, no oil fluorescence.</p>	25 – 125 (35) (88:7:5:3:2)
Fluorescence	The sandstone has dull yellow orange mineral fluorescence, no oil fluorescence or cut. The carbonaceous material has no fluorescence but gives a very weak dull yellow crush cut.	

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