



DAILY GEOLOGICAL REPORT

WELL: Glenaire-01 **REPORT No.:** 07-08 **DAYS FROM SPUD:** 8 **DATE:** 16/09/06
PL: PEP 160 **0000 hrs Depth:** 1255 m **LAST DEPTH:** 1255 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: Drill out shoe track and new hole to 1258m, perform FIT to 1000 PSI, drill ahead with 216mm hole to 1333m.
PREVIOUS 24 Hours Operations: Set 244mm casing at 1252m. Drill out cement and shoe track.
Comment: Increases in gas readings correspond with increases in carbonaceous content.

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			2034	-1958	
Laira Formation			2059	-1983	
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
1255 – 1330 (28)	SILTY CLAYSTONE, off white to light to medium brown grey to light to medium green grey, common to abundant very fine altered feldspar grains, trace black carbonaceous flecks and coaly detritus, trace micromica, rare pyrite, soft, non fissile. SANDSTONE, off white to light green grey, very fine to medium, dominantly fine, subangular to subrounded, moderately sorted, moderate silica cement, abundant off white argillaceous and silt matrix – matrix supported, abundant altered feldspar grains, abundant green grey and common brown red and black volcanogenic lithics, trace quartz grains, rare pyrite, common black coaly detritus, moderately hard, no visual porosity, no oil fluorescence.	TG 5-51 (23) (96:2:1:1:0)
Fluorescence	Nil	

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