

GWF9107.009-RJS

WELL SUMMARY AND POST MORTEM

**WELL:** Pelican 3                      **OPERATOR:** Esso                      **PERMIT:** T/6P  
**LOCATION:** Lat: 40° 15' 44.99"S                      Long: 145° 51' 50.60"E  
**SPUD:** 1 May 1972                      **RIG RELEASE:** 13 June 1972  
**TD:** 2906.9m                      **KB:** 9.75m                      **WATER DEPTH:** 80.2m  
**DRILLING RIG:** Glomar Conception                      **STATUS:** Gas shows, P&A

**STRUCTURE:** Pelican 3 is located on the high north eastern side of the major bounding fault to the Pelican half graben, it is therefore not located on the Pelican anticlinal feature where Pelican 1, 2, 4 and 5 were drilled. The well is located on a fault dependant closure at the middle *M.diversus* and *L.balmei* levels and near the crest of a fault independent closure at the top of the Eastern View Coal Measures.

**STRATIGRAPHY:****DRILLING DATA:**

	KB(M)	SS(M)	Hole size (")	Depth (m:KB)
Torquay Group	90	-80.2	12¼	2906.9
Demons Bluff Fm	1667	-1657		
EVCM	1788	-1778	Casing size (")	Depth (m:KB)
<i>M.M.diversus</i>	2289	-2279	20	237.1
<i>L.balmei</i>	2416	-2406	13¾	923.2
TD (lower <i>L.balmei</i> )	2906.9	-2897.2	9⅝	2897.1

**DRILLING:** Abnormal pressure was encountered at approximately 2560m.

**CORES:** Three cores were cut as follows:

1	2850.2 - 2864.5m	Rec	14.3m	EVCM - lower <i>L.balmei</i>
2	2864.5 - 2883.4m	Rec	18.9m	EVCM - lower <i>L.balmei</i>
3	2883.4 - 2902.0m	Rec	18.6m	EVCM - lower <i>L.balmei</i>

**SWC:** 60 cores were attempted between 975.3 - 2814.8m  
 48 were recovered.

**TESTS:** A production test over the interval 2799.3 - 2817.3m recovered formation water after reverse circulating, with minor gas at a rate too small to measure. In addition 16 FITs were run as described below: