

GWF9107.009-RJS

WELL SUMMARY AND POST MORTEM

WELL: Pelican 1 **OPERATOR:** Esso **PERMIT:** T/P6
LOCATION: Lat: 40° 20' 20.8"S Long: 145° 50' 37.1"E
SPUD: 19 March 1970 **RIG RELEASE:** 1 May 1970
TD: 3178.5m **KB:** 30.48m **WATER DEPTH:** 76.5m

DRILLING RIG: Ocean Digger **STATUS:** Gas/Cond Discovery, P&A

STRUCTURE: Pelican 1 is located on a fault segment of the highly faulted Pelican anticline. At the time of drilling the location was selected on the basis of faulted closure at the "uppermost" *M.diversus* level. Current mapping indicates that the well is within closure at the top of the middle *M.diversus* level. No closure occurs at the top of the Eastern View Coal Measures at this location.

STRATIGRAPHY:**DRILLING DATA:**

	KB(M)	SS(M)	Hole Size (")	Depth (m:KB)
Torquay Group	107.0	-76.5	17½	777.2
Demons Bluff Fm	1635.2	-1604.7	12¼	2612.1
EVCN	1755.6	-1725.2	8½	3178.5
<i>M.M.diversus</i>	2449.1	-2418.6	Casing Size (")	Depth (m:KB)
<i>L.balmei</i>	3113.5	-3083.1	20	263.7
TD (upper <i>L.balmei</i>)	3178.5	-3148.0	13⅞	765.7
			9⅞	2603.0

DRILLING: No drilling problems related to the geology were reported.

CORES: Ten cores were cut as follows:

1	1706.9 - 1716.0m	Rec	9.1m	Demons Bluff Fm
2	1780.0 - 1786.4m	Rec	6.4m	Basal Demons Bluff Fm
3	2167.1 - 2173.2m	Rec	6.1m	EVCN - <i>P.asperopolus</i>
4	2361.9 - 2370.4m	Rec	8.5m	EVCN - upper <i>M.diversus</i>
5	2546.3 - 2555.4m	Rec	9.1m	EVCN - middle <i>M.diversus</i>
6	2603.0 - 2612.1m	Rec	9.1m	EVCN - middle <i>M.diversus</i>
7	2823.4 - 2829.5m	Rec	6.1m	EVCN - middle <i>M.diversus</i>
8	2873.0 - 2882.2m	Rec	8.5m	EVCN - lower <i>M.diversus</i>
9	3065.7 - 3074.8m	Rec	9.1m	EVCN - lower <i>M.diversus</i>
10	3165.7 - 3169.3m	Rec	3.7m	EVCN - upper <i>L.balmei</i>