

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:

	KB(M)	SS(M)
Torquay Group	107.0	- 76.5
Demons Bluff Fm	1635.2	-1604.7
EVCN	1755.6	-1725.2
M.M. diversus	2449.1	-2418.6
L. balmei	3113.5	-3083.1
TD (upper L. balmei)	3178.5	-3148.0

DRILLING DATA:

Hole Size ("	Depth (m:KB)
17½	777.2
12¼	2612.1
8½	3178.5
Casing Size ("	Depth (m:KB)
20	263.7
13 3/8	765.7
9 5/8	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 - P. asperopolus
4	2361.9 - 2370.4m	Rec	8.5m	EVCN - upper M. diversus
5	2546.3 - 2555.4m	Rec	9.1m	EVCN - middle M. diversus
6	2603.0 - 2612.1m	Rec	9.1m	EVCN - middle M. diversus
7	2823.4 - 2829.5m	Rec	6.1m	EVCN - middle M. diversus
8	2873.0 - 2882.2m	Rec	8.5m	EVCN - lower M. diversus
9	3065.7 - 3074.8m	Rec	9.1m	EVCN - lower M. diversus
10	3165.7 - 3169.3m	Rec	3.7m	EVCN - upper L. balmei

SWC: 135 cores were attempted between 271.3 - 3161.4m
 127 were recovered.