

GWF9107.009-RJS

WELL SUMMARY AND POST MORTEM

WELL: Pelican 4 **OPERATOR:** Hematite **PERMIT:** T/6P

LOCATION: Lat: 40° 21' 40.02"S Long: 145° 52' 15.36"E

SPUD: 17 January 1979 **RIG RELEASE:** 18 February 1979

TD: 3051m **KB:** 25m **WATER DEPTH:** 77.4m

DRILLING RIG: Ocean Endeavour **STATUS:** Gas Cond Appraisal, P&A

STRUCTURE: Pelican 4 is located 3.5 km southeast of Pelican 1 on a separate fault block of the Pelican anticline. Closure at the middle *M.diversus* and *L.balmei* levels is dependant on sealing on at least two faulted margins.

At the top of the Eastern View Coal Measures the well is located near the western limit of a large fault independent closure. A fault intersects the well in the lower *M.diversus* zone and faults out the lower-most part of the lower *M.diversus* zone.

STRATIGRAPHY:

	KB(M)	SS(M)	Hole size (")	Depth (m:KB)
Torquay Group	102.4	-77.4	26	247.8
Demons Bluff Fm	1634	-1609	17½	870.2
EVCM	1735	-1710	12¼	3051
<i>M.M.diversus</i>	2443.5	-2418.5		
<i>L.balmei</i>	2960	-2935	Casing size (")	Depth (m:KB)
TD (upper <i>L.balmei</i>)	3051m	-3026	20	231.3
			13⅝	850.1

DRILLING DATA:

DRILLING: No drilling problems related to the geology were encountered, however abnormally pressured sediments were encountered within the middle *M.diversus* zone.

CORES: Two cores were cut as follows:

1	2846 - 2858m	Rec	12m	EVCM - lower <i>M.diversus</i>
2	2918 - 2931m	Rec	13m	EVCM - lower <i>M.diversus</i>

SWC: 95 cores were attempted between 887.0 - 3037.3m
89 were recovered.