

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 independant 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:

Torquay Group
 Demons Bluff Fm
 EVCM
 M.M. diversus
 L balmei
 T.D. (upper L. balmei)

KB(M) SS(M)
 102.4 - 77.4
 1634 -1609
 1735 -1710
 2443.5 -2418.5
 2960 -2935
 3051m -3026

DRILLING DATA:

Hole size (" Depth (m:KB)
 26 247.8
 17½ 870.2
 12¼ 3051
 Casing size (" Depth (m:KB)
 20 231.3
 13 3/8 850.1

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 M. diversus
 2. 2918 - 2931m Rec 13m EVCM - lower M. diversus

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

TESTS: Four FIT and three RFT tests were performed as described below, no drill tests were performed.

FIT 1 2739.5m (8988')
 Rec: 47.66 cubic feet Gas
 + 1500 cc Condensate
 FSIP = 4000 psi
 FP = 60 psi
 HP = 4902 psi