

GWF9107.009-RJS

**TESTS:** No drill stem tests were performed. 5 FITs were undertaken with the following results:

- |   |                                                                                                                    |
|---|--------------------------------------------------------------------------------------------------------------------|
| 1 | 2877.3m<br>Rec. <u>0.1 cubic feet Gas</u><br>+ 2200 cc water<br>ISP = 4250 psi<br>FSIP = 4300 psi<br>HP = 5075 psi |
| 2 | 2999.8m<br>Rec <u>0.35 cubic feet Gas</u><br>+ 1900 cc water<br>FSIP = 4380 psi<br>HP = 5750 psi                   |
| 3 | 2919.4m<br>Rec <u>0.5 cubic feet Gas</u><br>+ 2200 cc water<br>FSIP = 4150 psi<br>HP = 5500 psi                    |
| 4 | 3124.5m - No recovery<br>FSIP = 4700 psi<br>HP = 5800 psi                                                          |
| 5 | 3062.9m Tool plugged, no recovery                                                                                  |

**SHOWS:** Background gas and peaks associated with coals were detected in the upper EVCm to the top of the middle *M. diversus* zone. In the middle and lower *M. diversus* zones several gas peaks from sandstones were recorded, the largest of which were tested by FIT. The FIT tests produced only small volumes of gas, probably solution gas. Shows of fluorescence and oil were reported from samples of the sandstone at approximately 2950m and at 3340m.

**RESERVOIR:** Good to excellent quality reservoirs are indicated from logs in the upper EVCm above the base of the upper *M. diversus* palynological zone. Whilst the better reservoirs of the lower and middle *M. diversus* zone were not cored, core analysis results from a sandstone in core 1 yield porosities of 18-25% and permeabilities of up to 330 millidarcies.

**MATURITY:** A small suite of four samples from 3137.6 - 3291.2m (lower *M. diversus*) were subjected to vitrinite reflectance determinations and gave values in the range 0.71 - 0.79%. These values plot approximately 0.1% lower in maturity than samples at equivalent depths at Pelican Field. The most