

SEAL

Closure at Actaeon relies on intraformational seals in the EVCM which have low risk and lateral faults which have moderate risk in the middle *M.diversus* and low to moderate risk in the Palaeocene. Reactivation of the basement involved Warrego Fault may have caused leakage although this is not considered a major risk as significant generation post dates fault movement. Juxtaposition of potential reservoir units with a probably predominantly shaly Late Cretaceous sequence is likely to be the main lateral sealing mechanism.

STRUCTURE

Faulting in the Actaeon area is fairly complex and therefore as closure is fault dependent, there is high structural risk. The trapping geometry at Actaeon was established at the end of the middle *M.diversus* at the Palaeocene level which is ranked as very high risk.

ADDITIONAL WORK REQUIRED

New seismic data was acquired as part of the Rocky Cape Seismic Survey during 1994, and the mapping of this has improved our structural understanding of the complex Actaeon structure, however there is still some ambiguity in the interpretations. More data acquisition is required to give improved dip line spacing and strike line positioning in order to upgrade the Actaeon Lead to a drilling candidate if required.