

## SEAL

All closure at Cape Barren is fault dependent and relies on the development of fault plane seals. Sealing risk is therefore rated as high. Sealing risk is very high for the upper *M.diversus* and moderate for the middle *M.diversus*.

## STRUCTURE

Structural closure at the upper *M.diversus* level is high risk due to dependence on a poorly controlled northeast trending anti-regional fault. Fault movement on the faults bounding Cape Barren occurred until the top of the EVCN, with minor flexural movement into the Demons Bluff Formation. The trapping configuration at Cape Barren was established in the middle *M.diversus*. Structural risk is very high for the upper *M.diversus* and moderate for the middle *M.diversus*.

## ADDITIONAL WORK REQUIRED

Closure in the strike orientation over Cape Barren is poor and additional data is required to confirm closure. Infill dip lines are also required to detail the lead. Cape Barren was not addressed in the recent Rocky Cape Seismic Survey.