

RESERVOIR

Regional porosity verses depth profiles predict that the upper *M.diversus* reservoirs will have average porosities of 25% declining to 24% at the middle *M.diversus* and 18% at the Palaeocene. There is therefore a good chance of developing reservoir quality sandstones with sufficient permeability to maintain offshore production rates, particularly within the upper and middle *M.diversus* zones. Reservoir risk is very low at the upper levels, low to moderate at the middle *M.diversus* and high at the Palaeocene.

SEAL

Tourville is dependent on the development of intraformational top seals and cross fault or fault plane seals. Sealing risk is very low at the upper EVC, high at the upper *M.diversus*, moderate at the middle *M.diversus* and low to moderate at the Palaeocene.

STRUCTURE

Tourville is defined on a regionally spaced seismic grid, and some limited but detailed coverage at the margin of the 1km 1977 Pelican Field grid. The current seismic interpretation therefore carries moderate risk. New data currently being processed will allow a more robust structural interpretation. A possible extension of closure down dip could result in a large closure which would include the Actaeon lead.

Faulting at Tourville was active until the upper *M.diversus*.

ADDITIONAL WORK REQUIREMENTS

New seismic data was recorded over Tourville during the Rocky Cape Seismic Survey which is currently being processed. Tourville will be remapped when this data is available.