

RESERVOIR

Regional porosity verses depth profiles predict an average porosity for the middle *M.diversus* of 23% and 18% for the Palaeocene. The lead is approximately 100 metres up dip of Pelican Field at the top of the middle *M.diversus* which provides the possibility of improved permeability preservation, compared to that which occurs in Pelican 5. Reservoir risk is therefore considered to be low at the middle *M.diversus* and high in the Palaeocene.

SEAL

Vertical sealing is considered low risk and is dependent on intraformational seals. All mapped closure is also dependent on fault plane sealing. Sealing risk is therefore considered to be moderate at the Palaeocene and moderate to high at the middle *M.diversus*.

STRUCTURE

The current seismic grid provides a high level of confidence in the structural interpretation. Structural growth occurred along the bounding fault at Eddystone through to the near top of the EVCN. Trap development occurred at the top of the upper *M.diversus*. Eddystone provides a larger, slightly shallower and more simple fault dependent closure than those tested in the nearby Pelican Field. Structural risk is rated as low.

ADDITIONAL WORK REQUIRED

Seismic control is good and the lead is likely to mature to prospect status following remapping incorporating reprocessed seismic data.