

PROSPECT DATA SHEET

VERIDIAN

CATEGORY	Weak Lead		
LOCATION	Seismic line TQH5-101 Sp 1150 (Palaeocene)		
DESCRIPTION OF TRAP	Low relief anticline		
PRIMARY OBJECTIVES	EVCM - Palaeocene		
MAXIMUM CLOSURE	EVCM - Palaeocene	26.5 square kilometres	
SECONDARY OBJECTIVES	EVCM - Middle <i>M.diversus</i> (possible closure)		
DEPTH TO TOP RESERVOIR	EVCM - Palaeocene	2760 mSS	

DESCRIPTION OF RISK ELEMENTS

SOURCE

Veridian is located south of Poonboon 1 on the Poonboon Platform. The source potential of this structural province is untested as Poonboon 1 was drilled outside of closure at the objective Palaeocene level. At Veridian the middle *M.diversus* is early mature for oil generation grading to middle mature at the Palaeocene and the gas window at basement. The Palaeocene level therefore has the potential for either an oil or gas charge both of which are rated as moderate risk.

Veridian is dependent on vertical migration to charge the trap or on distant migration from the northern trough area near Nangkero 1 and Dondu 1.

RESERVOIR

Nangkero 1 and Poonboon 1 have shown that the Poonboon Platform is characterised by generally better reservoir quality than the wells drilled in the Pelican Trough. An average porosity of 21% is predicted for the Palaeocene targets at Veridian. Reservoir risk is considered to be moderate to high.

SEAL

If the anticlinal form of Veridian is confirmed by further seismic data then there is a very good chance that intraformational seals could provide viable traps. Sealing risk is rated as low.