

PROSPECT DATA SHEET

CLARKE

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| CATEGORY | Strong Lead | | |
| LOCATION | Seismic line TQH5-45-1 Sp 210 (middle <i>M.diversus</i>) Seismic line TQH5-43 Sp 330 (Palaeocene) | | |
| T/18P | Approximately half the mapped closure extends into | | |
| DESCRIPTION OF TRAP | Very large tilted fault block on the downthrown side of a major northwest trending fault on the flanks of the Bass 3 high. | | |
| PRIMARY OBJECTIVES | EVCM - Middle <i>M.diversus</i> Palaeocene | | |
| MAXIMUM CLOSURE | EVCM - Middle <i>M.diversus</i> | 181.6 square kilometres | |
| | Palaeocene | 92.1 square kilometres | |
| SECONDARY OBJECTIVES | EVCM - Upper <i>M.diversus</i> | | |
| DEPTH TO TOP RESERVOIR | EVCM - Middle <i>M.diversus</i> | 2460 mSS | |
| | Palaeocene | 2525 mSS | |
| DESCRIPTION OF RISK ELEMENTS | | | |

SOURCE

Structural closure is mapped extending into the mature source kitchen of the northwestern Pelican Trough. At Clarke the middle *M.diversus* is early mature grading to mid mature at the Palaeocene and gas mature to overmature at basement. Reservoir sequences developed at Clarke below the middle *M.diversus* will therefore have direct access to mature source for both oil and gas.

Clarke relies on simple short distance migration routes from very large drainage areas and both source and migration are considered to be low risk for gas and moderate to, moderate to low for oil.