

## PROSPECT DATA SHEET

## NARIMBA WEST

|                               |                                 |                       |  |
|-------------------------------|---------------------------------|-----------------------|--|
| <b>CATEGORY</b>               | Weak Lead                       |                       |  |
| <b>LOCATION</b>               | Seismic line TQH5-84 Sp 140     |                       |  |
| <b>DESCRIPTION OF TRAP</b>    | Small tilted fault block        |                       |  |
| <b>PRIMARY OBJECTIVES</b>     | EVCM - Middle <i>M.diversus</i> |                       |  |
| <b>MAXIMUM CLOSURE</b>        | EVCM - Middle <i>M.diversus</i> | 3.7 square kilometres |  |
|                               | Upper <i>M.diversus</i>         | 6.1 square kilometres |  |
| <b>SECONDARY OBJECTIVES</b>   | EVCM - Upper <i>M.diversus</i>  |                       |  |
| <b>DEPTH TO TOP RESERVOIR</b> | EVCM - Upper <i>M.diversus</i>  | 2233 mSS              |  |
|                               | Middle <i>M.diversus</i>        | 2413 mSS              |  |

## SUGGESTED TOTAL DEPTH

## DESCRIPTION OF RISK ELEMENTS

## SOURCE

Narimba West is located directly above the proven source kitchen for the gas and condensate reserves of the Pelican Field and is ideally located to receive charge from vertically migrating hydrocarbons. At Narimba West the middle *M.diversus* is early to middle mature for oil generation increasing to mid mature at the top Palaeocene and to the main gas to overmature generation phase at basement. Gas source risk is evaluated to be low for the middle *M.diversus* and high for the upper *M.diversus*. Oil source risk is ranked as moderate for the middle *M.diversus* and moderate to high at the upper *M.diversus*.

## RESERVOIR

Reservoir development at Narimba West is predicted from regional porosity verses depth plots. At the upper *M.diversus* an average porosity of 25% is predicted declining to 23% at the middle *M.diversus*. Reservoir quality is therefore considered low to moderate risk at the upper *M.diversus* and moderate risk at the middle *M.diversus*.