

absence of later fault movement within that interval.

- (h) Late Miocene structure at the Top of EVCM level is evident on the eastern side of the bounding fault, and may have allowed an episode of late hydrocarbon migration.

#### 8.1.1 Reserves

Gas Reserves for Pelican Field assessed by SAOGC are based on the following assumptions:

Area (total)	:	28 sq km (6900 acres) average
Pay ( average)	:	167 ft
Porosity	:	0.18
Hydrocarbon Saturation	:	0.68
1/BG	:	245

Based on the above

$$\underline{\text{Initial Gas in Place}} = \underline{1.5 \text{ TCF}}$$

If source rock type is oil-prone, using same assumptions for oil equivalent and FVF = 2.86, then

$$\underline{\text{Potential Initial Oil in Place}} = 383 \text{ MM bbl.}$$

#### 8.2 Trend of the Pelican-Type Play

The fault system which defines the downdip eastern extremity of the western depocentre trend is readily identified on the M. diversus Unconformity to L. balmei isochron (Prospect map, Encl. 8.1). Pelican field wells are the only tests of the prospective mature zone in this setting. Tarook 1 and Bass 1 were