

### Hydrocarbon Shows

Although none of the Bass Basin wells has encountered commercial hydrocarbons, significant encouraging shows are ubiquitous. The major shows are depicted on the stratigraphic column, Fig. 2. All shows have occurred in the Paleocene-Eocene Eastern View Group. This sequence is equivalent to the Latrobe Group, the reservoir unit in Gippsland Basin.

In Cormorant -1, 22 litres of oil was recovered at 1550 metres from an Eocene sand, together with condensate recoveries deeper in the section. An F.I.T. at Bass -3 recovered 0.8 litres of condensate and 820 litres of gas from Paleocene sands at 2055 metres. This sample is equivalent and can be considered a light oil show with a G.O.R. of 1200. Gas and condensate shows and F.I.T. tests over the intervals 2468 metres to 3178 metres (T.D.) in Pelican -1, and 2773 metres to 3068 metres (T.D.) in Pelican -2. Recoveries included 3900 litres of gas and 0.6 litres condensate in Pelican -2 (2880 m). Sand quality was variable between the two wells but the in-place reserves are probably in excess of two trillion cu. ft. of gas plus 300 million bbls. of liquids. Although uncommercial similar volumes of hydrocarbon in improved reservoirs rocks constitute a prime exploration target. Aroo -1, Dondu -1, Pelican -3 and Poonboon -1 wells have also recorded gas and condensate tests.