

onto the often truncated Middle M. diversus unit.

The isopach of Fig. 5 indicates a return to the general form of that of the Paleocene L. balmei. However, there is no seismic expression of a deep trough to the east near Dondu; rather the depocentre may have been in the Pelican-Narimba region.

Even greater proportions of sand entered the basin at this time and were derived from essentially the total basin perimeter. Despite the uplift of the basin, the lower sand percentages were still located in the north-central area.

NE - SW Cross Section

The NE-SW cross section (Fig. 8) through the Bass Basin indicates the two major half graben trough systems of the L. balmei and lower M. diversus ages which contrasts with the broad, more uniform simple depression infill sedimentation of the Upper Eastern View sediments.

The reservoir potential of each sand body has not been mapped. The relevant parts of the well completion logs of Bass -1 and Bass -3 are enclosed (Figs. 6 and 7). These logs have a sonic curve from which a porosity value can be derived. In order to remove the effects of a sonic derived porosity value, available core derived porosities are included. The core derived permeabilities for the same samples are also shown.

(As is the case with seismic information,

more data can be provided as required).