

METHODOLOGY AND RESULTS

A gamma ray constraint was used to exclude gamma ray readings below 60 API and above 120 API and a trend was established at Pelican 5 to represent normally pressured shales. Any departure from the normal pressure trend toward higher porosities defines overpressured sediments. Such a deflection is observed in Pelican 5 at 8900' (2710m) and those sediments below 8900' are therefore overpressured (Figs 2 & 3).

Using the 60-120 API gamma ray constraints, a similar normal pressure trend was transferred to Pipipa 1 (Fig. 7), Poonboon 1 (Fig. 8) and Narimba 1 (Fig. 9). From this trend an attempt to determine the presence of overpressured shales at these well locations was made. The following observations were made:

Pipipa 1 (Fig. 7) reached TD within normally pressured shales.

Poonboon 1 (Fig. 8) appears to have entered an overpressured zone at approximately 8100' (2470m), sediments remain overpressured to TD.

Narimba 1 (Fig. 9) appears to have entered an overpressured zone at approximately 8700' (2650m), sediments remain overpressured to TD.