

GWF9107.009-RJS

likely explanation for this is that the Narimba structure has been subjected to a lesser amount of tectonic inversion than the Pelican structure.

**SOURCE ROCK:** The stratigraphical and lithological successions in Narimba and the Pelican wells are similar and therefore it is likely that the source rock distribution and compositions are similar. Only limited source rock studies have been performed on samples from Narimba. Three samples were analysed for total organic carbon content, a coal at 2803.2m yielded a value of 70.25%, and a dark shale at 2911.4m yielded a value of 2.4% TOC and another dark shale at 2971.8m yielded a value of 2.47% TOC.

**POST MORTEM:** Minor gas and fluorescence shows in Narimba are consistent with its location in the generative centre of the Pelican half graben.

The absence of productive zones either shows that the simple and small closure at Narimba 1 was developed too late to trap hydrocarbons or that it is in a migration shadow zone with hydrocarbons bypassing the structure going updip into the Pelican Field.