

PALEOFACIES DEVELOPMENT IN THE LOWER MIOCENE TO PLIOCENE OF WESTERN OFFSHORE SABAH

M.J. BROLSMA

Exploration Dept., Sarawak Shell Bhd., Lutong, Sarawak

A stratigraphic compilation of all SSPC exploration wells in offshore Sabah has resulted in 18 stratigraphically arranged paleo-facies maps of the Early Miocene to Pliocene sequence. These paleo-facies maps depict the areal distribution of depositional environments and sand percentages, and clearly show their inter-relationships. The effects of the various periods of erosion and/or non-deposition are shown. The diachroneity of some of these unconformities is well established. The stability and slope angle of the depositional shelf can be inferred. It appears to vary considerably from area to area through geological times.
