

Development of Kepong Field Offshore Trengganu

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Kepong is a small oil field developed by using a satellite platform and is linked to a processing platform. It is the sixth field, offshore Peninsular Malaysia, to be produced by EPMI.

Production is from the group J reservoirs of Early Miocene age. An unexpected change in the quality of the J-20/21 reservoir rock reduced the originally assessed oil volume by almost two thirds. This reduction was, however, offset by almost the same oil volume found in J-18/19 sandstone, which was originally interpreted to contain non-associated gas. Due to highly accurate depth predictions required for completions in the tin oil column, seismic velocity analysis and sandstone continuity proved to be very significant factors in the development of Kepong.
