

Analyzing a DHI - Tinggi Field Malay Basin, Malaysia

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The Tinggi field, which is in the Malay Basin, offshore Peninsular Malaysia, is a fully developed and producing field in Esso Production Malaysia Inc.'s production sharing contract area.

A detailed pre-development field study of direct hydrocarbon indicators or DHI's and geohazards, using conventional seismic and high resolution sparker data, provided invaluable information that helped in the accident-free development of Tinggi which has numerous uneconomic but hazardous shallow gas sands. These sands cause depth prediction problem. Seismic modelling of one gas DHI is discussed in detail.

This seismic modelling study provided a better understanding of the seismic expressions of gas reservoirs in the Malay Basin.
