

Paper 17**A seismic tour of eastern Sabah: play types and tectonic settings**

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Some 2,900 km of modern seismic data have been acquired in the 1990's in the Malaysian sector, offshore eastern Sabah. These data, the first acquired since 1973, together with 1,400 km of vintage reprocessed data and over 1,000 km of vintage data, reveal a great deal about the play types and tectonic settings of the area. Play types include faulted anticlines, compressional anticlines, reactivated growth faults, pinnacle and platform reefs, compartmentalized fault traps and slope/basin floor fans. Tectonic settings include Miocene back-arc, intra-arc and fore-arc basins, all of which are overprinted by Pliocene compression. Evidence is presented for some 45° anticlockwise rotation of the area since the late

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Oligocene. We conclude that the area has considerable potential to be a future hydrocarbon-producing province.
