

Ceramah Teknik (Technical Talk)

Regional geological provinces of Brunei

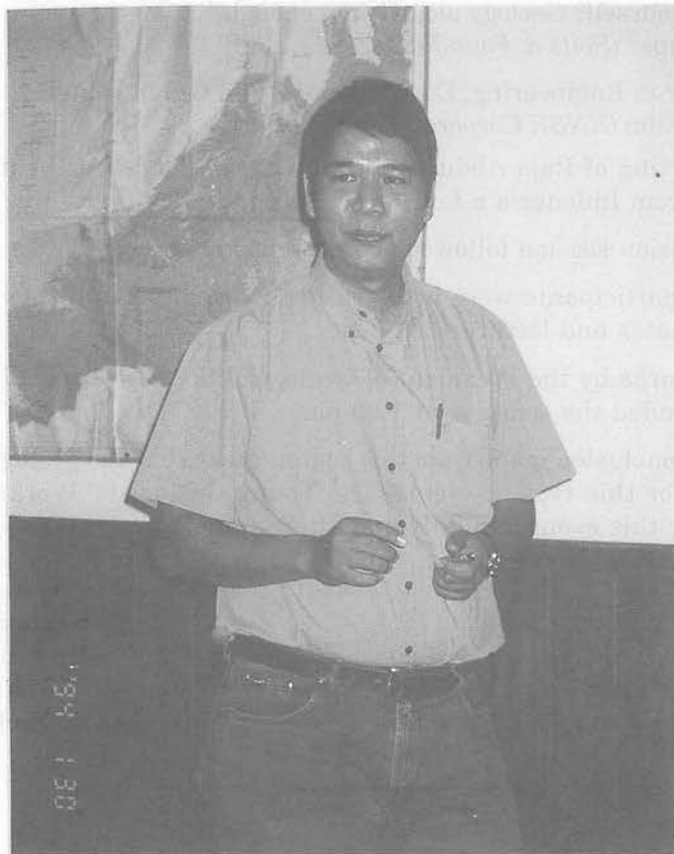
HERMAN H. DARMAN

Laporan (Report)

Herman from Brunei Shell Petroleum gave his talk on the Regional Geological Provinces of Brunei as AAPG Visiting Geologist to about 20 members of the Society at the Department of Geology, University of Malaya on 2.08.2002.

The northwest Borneo region is a very active area for petroleum exploitation because of the abundant accumulation of Tertiary sediments especially in the Baram Delta area. After reviewing the stratigraphy, seismics and structures of Brunei, he proceeded to compare the West Baram and East Baram (Champion) Provinces. Although these two provinces are similar in their stratigraphy, shoreface to deltaic depositional environments and petrography of quartzose sandstones, they differ in the presence of counter-regional faults in the Eastern Province where major fault dips are landward to the SE as opposed to basinward to the NW in the Western Province. The slopes are gentler in the Western Province and steeper in the Eastern Province. Sediment distribution is extensive laterally in the Western Province as it is more basinward compared to the Eastern Province where they are more stacked. Growth faults and shale diapirism feature prominently in the sediments in the area.

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