

SE Asian carbonate systems and reservoir development: an up-to-date synthesis

Key Elements:

Basin type, source, seal and structure

Sequence stratigraphic context and sedimentological models

Seismic expression

Porosity and Permeability controls

Reserves and production history

Exploration and development, drilling and engineering considerations

The report provides the features of reservoir and play types for accurate identification and appraisal in the subsurface. In addition, case histories and analogues assist reservoir development, exploration, farm-ins and production sharing opportunities.

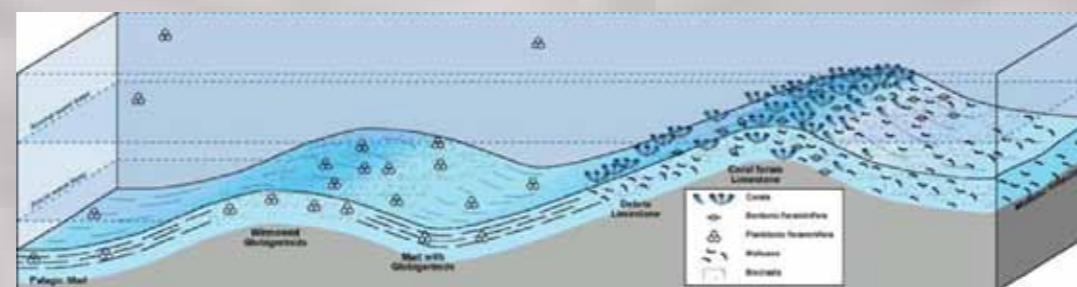
Detailed case histories of carbonate reservoirs act as a guide to predicting volumetrics, reservoir layering, pore types and reservoir behaviour.

Key elements of geological setting, sedimentology, diagenesis and sequence stratigraphic context of different carbonate systems are noted in the SE Asian region.

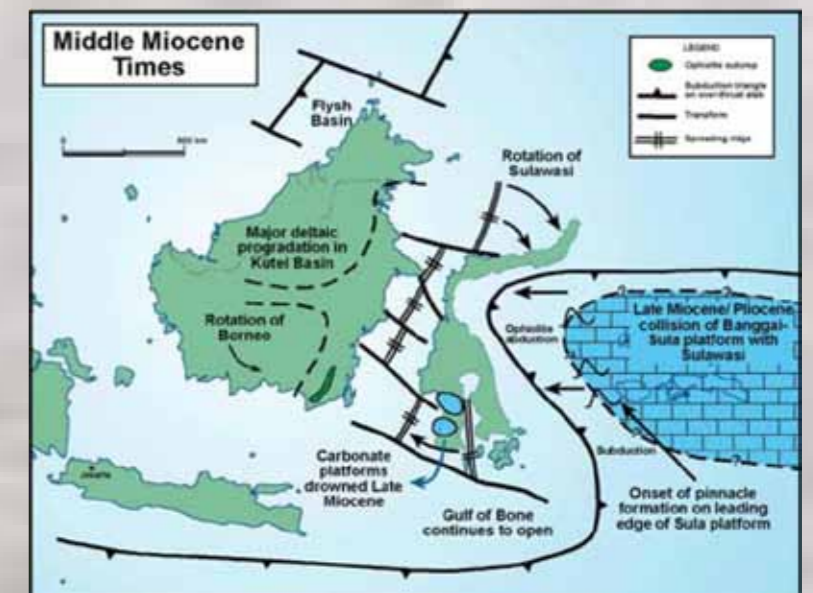
Other relevant topics include:

Origin of subsurface CO₂

Seismic expression of carbonates vs. carbonates



Sedimentology of Pliocene shelf carbonates, central Java (Surataman, 1996).



Mid-Miocene tectonic setting (Hall 1997).

Areas covered in the report:

North and South Sumatra

The Sunda Straits

Onshore and Offshore Java

Sulawesi

Kalimantan

Philippines

South China Sea

Vietnam

Irian Jaya and Papua New Guinea

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Expertise in carbonate and evaporite systems

