PERTAMINA EP

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TANJUNG BARAT- SOUTH KALIMANTAN

Location Map of Tanjung Barat, South Kalimantan
(Pertamina, 2006)

LOCATION

The Tanjung Barat Area is located in the onshore of South Kalimantan and about 100 km north of Banjarmasin, covered an area of approximately 2184 km2

DATA AVAILABILITY

Well	:	not available
Seismic	:	~ 1300 km
G & G Report	:	24 Report & 30 Map

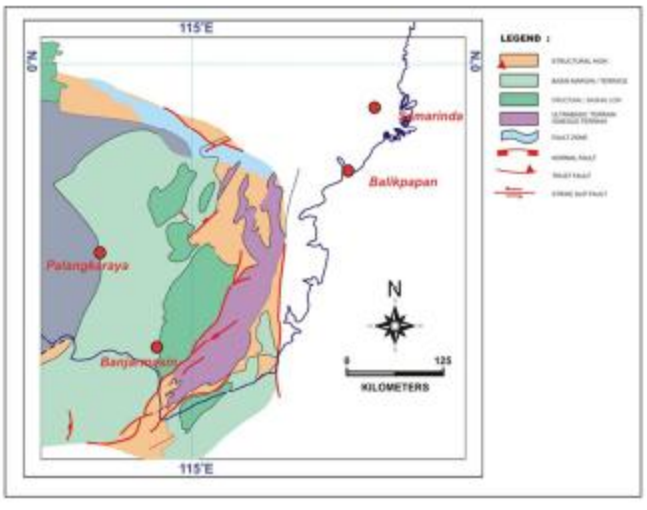
HYDROCARBON POTENTIAL

Source Rock
The main source rock interval is the organic rich sediment of type III kerogens of the Lower Tanjung, with TOC values up to 73% for the coals, and up to 55% which tends to generate very waxy crude oil.

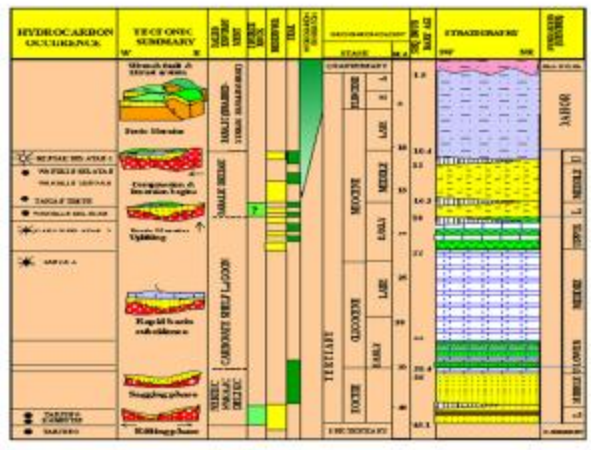
Reservoir Rock
The main reservoirs in the Barito Basin are the Early to Middle Eocene sandstones and conglomerates of the Lower Tanjung Formation.
The Barito Basin reservoirs are typically clastic sediments deposited in the pro-delta, deltaic coastal bar, and shoreline barrier or channel environment.

Migration
The migrated hydrocarbons were entrapped in the anticline traps formed during the inversion.The Plio-Pleistocene inversion might either create new structural traps or destroy the previous hydrocarbon accumulations.

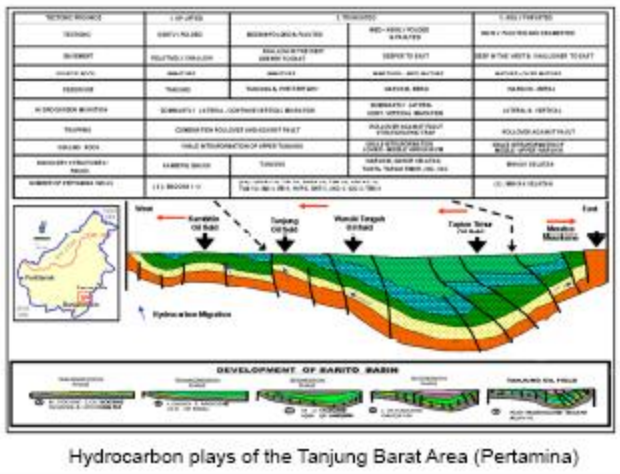
Hydrocarbon Play
The exploration plays in the Tanjung Barat Area can be divided into three categories uplifted play, truncated play, highly thrusted play,
There are six productive intervals in the Tanjung Barat Area which range in the depths from 2130 feet to 4940 feet.
Five of the reservoirs produce from the Tertiary sand – shale horizons while the sixth reservoir produces from a highly fractured intrusive rock.



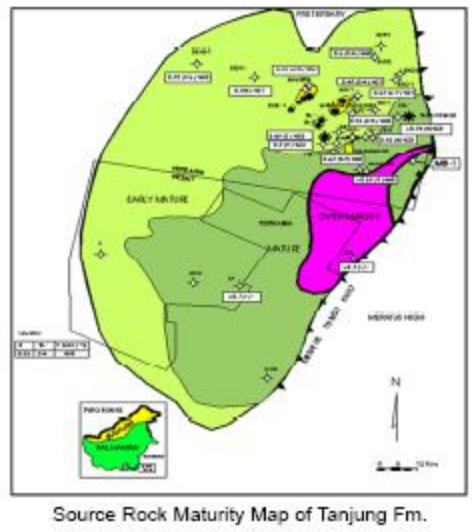
Regional Tectonic Element of South Kalimantan
(Lemigas, 2004)



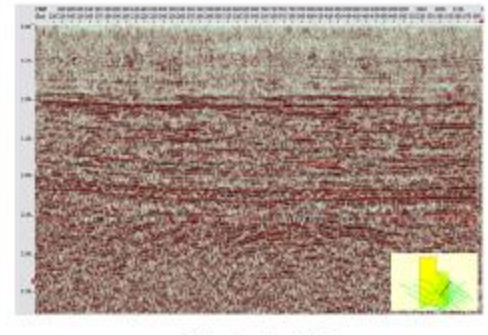
Regional stratigraphy and Petroleum System
of the Tanjung Barat Area (Pertamina)



Hydrocarbon plays of the Tanjung Barat Area (Pertamina)



Source Rock Maturity Map of Tanjung Fm.
North Barito Basin (Pertamina)



Seismic line 442