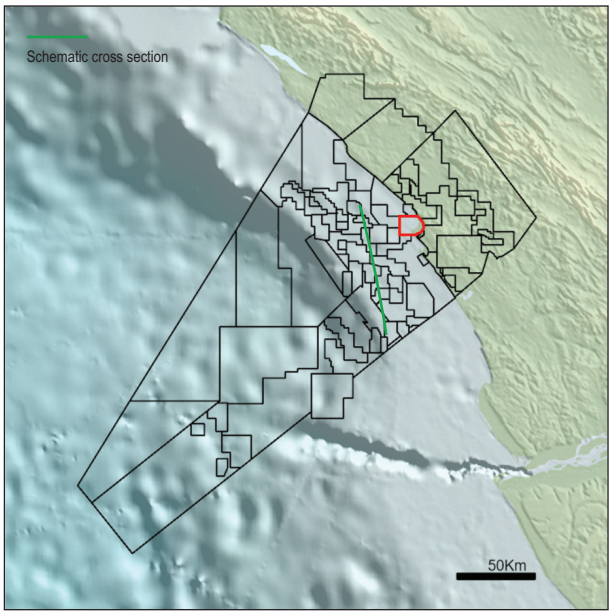
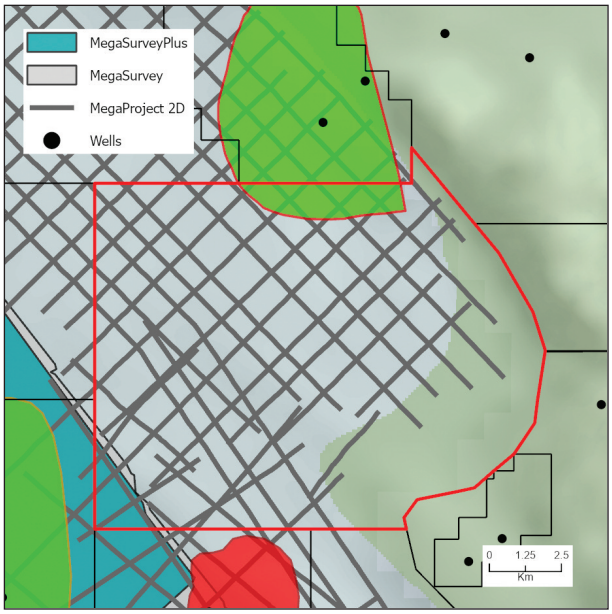
Ministère des Hydrocarbures
République du Congo

SNPC

Permis Marine III B



Congo Coastal Basin



Seismic available, Permis Marine III B

Permis Marine III B is located offshore in the Congo Basin. It borders the Tilapia field to the north. It has an area of 156.5 Km^2. The bathymetry of this coastal block ranges from 0 to 30m.

Permis Marine III B contains the Tilapia Marine 3 well which tested the margin of the pre salt Tilapia Field in 1995, but showed as dry.

Typical plays expected in Permis Marine III B include Cenomanian sandstones, Sendji carbonates, and Pre-salt sandstones.

Cenomanian Sandstones

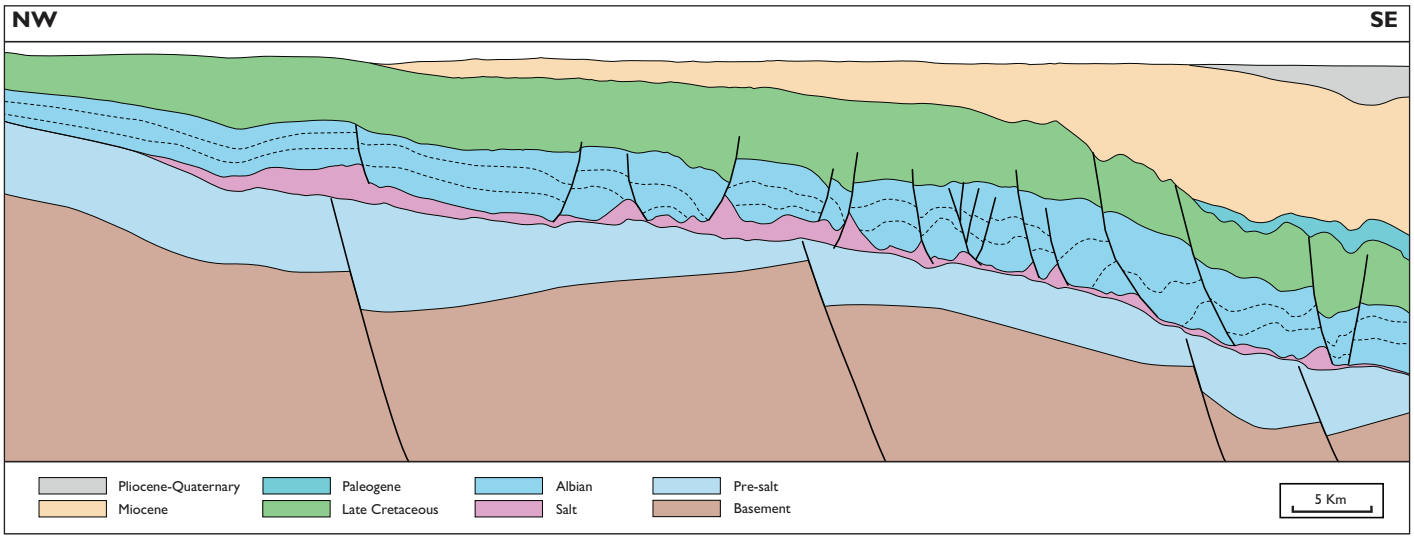
The Cenomanian Tchala Sandstone Fm is a reservoir for the nearby Tchibouela East Field. Hydrocarbons sourced from the Neocomian Marnes Noires Fm. Trapping structures are typically related to salt-induced rollover anticlines.

Sendji Carbonates

The Albian Sendji Fm is the primary reservoir for the nearby Loango, Yombo and Youbi fields. Hydrocarbons are sourced from the Neocomian Marnes Noires Fm. Trapping structures are typically related to salt withdrawal turtle-back features and salt-induced rollover anticlines.

Pre-salt Sandstones

Pre-salt reservoirs include sandstones of the Chela, Djeno and Vandji formations. The Vandji Marine Field encountered hydrocarbons within sandstones of the Pre-salt Chela and Lucula formations.



Schematic cross section