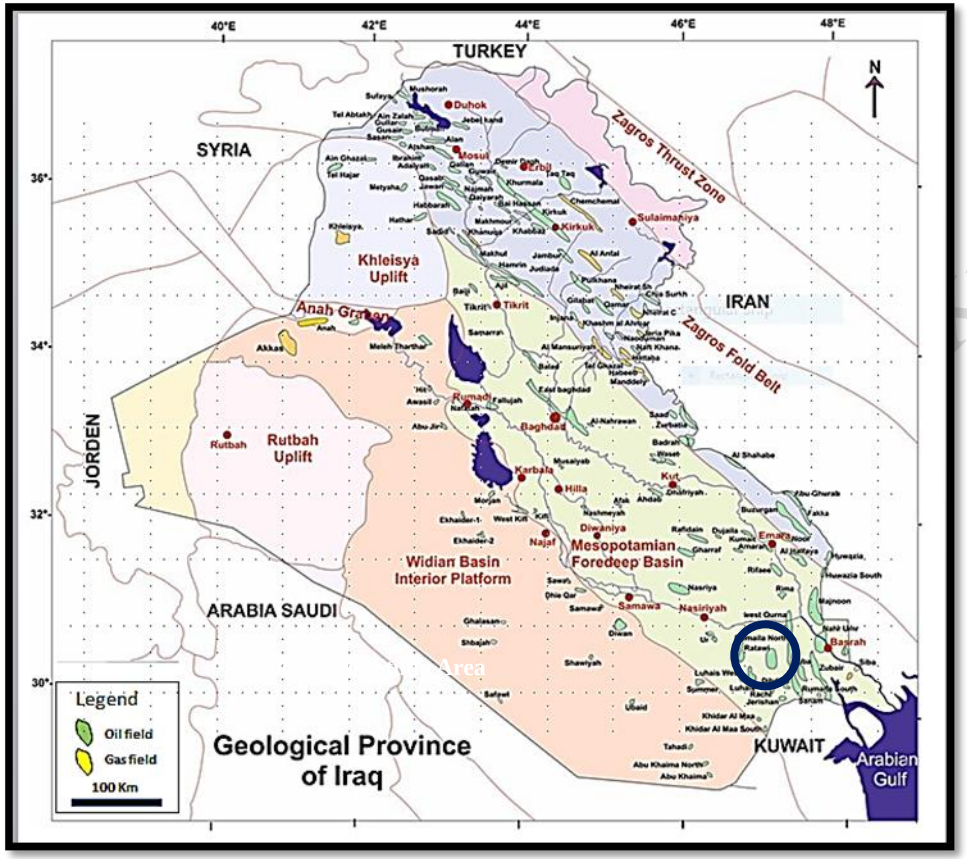
Target Exploration
Energy Geosciences Research & Development



Geology and Reserves of
Ratawi Field, South IRAQ

Target Exploration Report Tar21

The Report

The Ratawi Field was discovered by Basrah Petroleum Company in 1950 by drilling a prominent closed seismic anomaly on top of Ahmadi Formation at about 70 Kilometres to the west of Basrah city. This discovery became one of the under-developed oil fields of South Iraq.

The Ratawi subsurface anticlinal trap is located over the Jurassic Salt Basin (and possibly the Infra-Cambrian Salt Basin as well) in the Interior Stable Arabian Shelf tectonic regime. The N-S trend of the Ratawi field is probably due to interplay of Pre-Cambrian N-S basement faults and Infra-Cambrian salt tectonics. The gentle dip may hide a steeper dip of the structural flanks of the deformable Gotnia salt. The detailed stratigraphic correlation, seismic structural mapping and log analyses revealed that this Arabian Shelf-type of anticline shows evidence of Neocomian, Albian, Turonian and Palaeocene-Oligocene pulses of structural growths, that characterise the multiple reservoirs giant oil fields of the Arabian Shelf.

Report Sections

Figures

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