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Geological Results of Well Drilling in the South Caspian Basin

First wildcatting for oil in the Caspian Sea in 1926 has given positive results. However later it became necessary sometimes to drill more than 10 wells to get to oil deposit (field) due to the lack of accurate understanding of deep horizon tectonic structure, location and time of hydrocarbon generation and ways of their migration.

Only drilling of exploration and production wells allowed to reveal peculiarities of oilfields geological structure, to established time and ways of hydrocarbon mass migration, their spatial and aerial distribution, temperature regime and anomalies of reservoir formation.

The accumulated experience allowed with high precision to forecast new oil fields discovery within revealed litho-facies sub-formations.