

Abstract

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GIS-based Stratigraphical Models of the Oil and Gas Bearing Provinces

Track: Petroleum

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The model integrates lithologic, stratigraphic and tectonic data in the Volga-Ural oil-and-gas-bearing Province. It allows the analysis of operational data using geoinformation technologies to study prospects. Data are displayed as a set of images arranged vertically along geochronology, and across tectonic and oil and gas bearing patterns. Attribute tables contain thematic data, which have been connected to optimise logical queries

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