

THE IDENTIFIED AND PREDICTED OIL AND GAS RESERVOIRS IN THE JURASSIC AND PALEOZOIC DEPOSITS OF WEST SIBERIA

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The Jurassic deposits occur on the erosional surface of the Paleozoic and Triassic complexes with angular and stratigraphic unconformities. The regularities of geological structure of the Jurassic deposits and Pre-Jurassic (Triassic, Paleozoic) complexes, material composition and alternation of reservoir rocks with seals made it possible to distinguish the regional, zonal and local oil and gas reservoirs. The Callovian-Oxfordian, Bajocian-Bathonian and Pliensbachian zonal reservoirs have been defined in the Jurassic deposits. In the Paleozoic deposits, the local reservoirs have been identified in the zone of contact of the Paleozoic with the Jurassic and Triassic deposits and have been predicted in the Lower Carboniferous, Devonian, Silurian, Ordovician and Cambrian deposits.