

INFLUENCE OF MODERN GEODYNAMIC ON THE OIL FIELDS FORMING.

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The follow empiric regularities are open on the special geodynamic ranges in the oil and gas areas. Oil and gas zones are located along the deep faults of the earth crust active during quaternary (modern time). Dynamic of deep faults are fixed in high gradients of earth crust's movements and difference of gravity and magnetic and geochemistry fields in time. The main geodynamic parameters are determined by the deformation of earth crust along the deep folds and by migration of fluids. Oil and gas fields are located along the zones of outputs of migration of oil and gas in the fractured zones of earth crust. The oil and gas fields are forming during modern geological time. The using of geodynamic parameters is useful for oil and gas hunting. The geophysical parameters of earth crust and upper mantle are different in various geological places. The places with low density of bad rocks are discovered at the depth of 40-70 and 100 kilometers under the oil and gas zones. The big permeability of earth crust is located along the deep faults and determines the places of vertical migration of fluids. The traces of migration of fluids are discovered by the temperature and by geochemical anomalies of helium and hydro-carbons and different elements in sedimentary rocks in different oil beds. The main results of geologic geophysical, geodetic, geochemical, remote sensing surveys of oil and gas parameters studies of modern geodynamics and fluid dynamics on special geodynamic ranges are shown in report.