

The untraditional methods of forecast and search of hydrocarbon deposits

PAROVINCHAK M. S. The open joint stock company
"Tomskgazprom" Tomsk, Russia

The untraditional component of technology of the geological forecast and prospect of hydrocarbon deposits, based on measurement of parameters information - energy activity of geological objects and hypothesis of multichannel organic - mineral synthesis of hydrocarbon compositions is proposed. This proposition is based on the decisions, which are close to methods and means of not destroying quality control of substances, materials and products. The creation of information - energy image of geological object allows to study hydrocarbon deposits without entering of distorting disturbance in structural - functional connections of a "deposit - containing rock " system at opening of a deposit. A generality of information - energy characteristics of deposits of one kind allows to give forecast and to carry out prospect of depositions of this kind in territories, where characteristic informative signs are fixed by technical and natural systems. Proposed mutual complementarity of the organic and mineral versions of hydrocarbon composition synthesis essentially expands opportunities of additional prospect of existing deposits of oil and gas and prospect of new ones both in lateral and in vertical extending.

The untraditional methods of the geological forecast and of hydrocarbon deposits are used in a geological study of complex development of gas condensate oil deposits in Tomsk area by open joint-stock company "Tomskgazprom" and strategy of realisation of exploration works by the holding "Vostockgazprom" in Russia.