

## **Problems and Methods of Management by Reserves and Resources of Oil and Gas**

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Major problems of management in geology are magnification of an amount of sources of raw material, development of the strategy and tactics of their use; creation of the current and long-term federal and regional programs of development of sources of raw materials and study of an interior of the Earth; methodical, scientific and technical maintenance of prospecting work; legal, geological, economic, ecological examination of the projects and raw objects. Creation of an automated system of management reduces these problems to formalization of conceptual basis, maintenance by an actual material and operating choice of the optimum strategies of behaviour. For it by main objects of monitoring are raw regions circumscribed as complex multicomponent systems, resources and stocks of mineral wealths, objects of realization of prospecting and extracted work, objects of licensing, geological-economic evaluation of oil-gas objects, projects, programs. First four items imply summation of informations on tectonic and oil-gas systems of identification, on communications of object with the subjects of Federation, on raw resource basis, on degree of knowledge on it, list included in it structure of objects of lower ranks, including separate deposits, square of deep drilling and slit. The last section provides creation of monitoring of normative basis, containing a cost evaluation of raw objects (including objects of production prospecting and extracted work) and summing information under the substantiation of factors of extraction of petroleum, conditions on a condensate, economic evaluation of deposits etc.