## Integrated Approach to Automatic Well Section Matching with Account for Complex of Heterogeneous Geological and Geophysical Data

## N. S. Burlakov

Russian State University of Oil and Gas named after I. M. Gubkin, Moscow

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**Abstract:** The paper describes a computer system for automatic match of well sections with account for complex of heterogeneous geological and geophysical information. The basis of the system is the formalization of such information in a special way, and the creation on its base the criteria to improve the quality of automatic recognition of bed boundaries for well section correlation procedure.