APPLICATION OF MULTICYCLIC HYDRODYNAMIC TESTING IN THE PROCESS OF TESTING EXPLORATION WELLS

Background
Current high rate of oil production growth in Eastern Siberia suggests putting new deposits in development within a very short time after their discovery. In this connection, multicyclic hydrodynamic testing of exploration wells are of particular importance for the most efficient and fast putting well stock into operation, as they provide the most accurate data on productive performance, with minimal time and finance expenditures for reservoir testing. All this makes to perfect technique (equipment), as well as to review the procedure of testing the wells to satisfy the requirements of commercial exploration.

Aims and Objectives
Description of applying multicyclic hydrodynamic testing to exploration wells.

Methods
Carrying out pilot works on the example of an exploratory well № XXX-16P with GEO-6 self-contained complex device.

Results:
– the method of multicyclic hydrodynamic testing, which was earlier difficult for implementation, was used in exploration wells;
– the time for testing exploration wells was reduced without loss of information content;
– well parameters and performance characteristics of reservoir were determined.

Key words: hydrodynamic testing, reservoir, settled mode, indicating diagram, well, depression, production rate, bottom hole, efficiency, subsurface instrument, geophysical instrument

References
nizkimi kolektorskimi svoistvami, s ispol’zovaniem avtonomykh kompleksnykh priborov pri provedenii gidrodinamicheskikh issledovanii na ustanovivshikhsya rezimakh


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