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Thermohydrodynamic studies of vertical wells with hydraulic fracturing of a reservoir

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Abstract

© 2017, Pleiades Publishing, Ltd. A mathematical model to describe thermohydrodynamic processes in the system "oil reservoir-hydraulic fracture" is developed. A method for determining filtration and thermophysical parameters of the reservoir and fracture is proposed. Curves of the change of the downhole temperature and pressure are used as initial information.

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