



Irkutsk Oil Company

Field development department

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To CEO «Polycod (Sofoil)»
Georgy Vasilyev

Multiwell Retrospective Test results

In 2019 Multiwell Retrospective Test (MRT) was performed at Irkutsk Oil Company fields by Sofoil company. Historical bottomhole pressure and rate records was analyzed by multiwell deconvolution mathematical procedure.

Bottomhole pressure decomposition gave quantitative information about well interference, formation transmissibility between wells, reservoir pressure forecast.

Before full field implementation MRT was successfully tested numerically and by the pilot job. Forecasted reservoir pressure, well and reservoir parameters were matched with field well-test data.

Production enhancement operation was recommended on base of information, obtained by MRT.

Irkutsk Oil field development department evaluates MRT positively and recommends its usage for production enhancement opportunities identifying and pressure maintains system optimization.

Director of Field development department

I. Sabanchin