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**EXPERIMENTAL STUDY OF OIL DISPLACEMENT BY INHOMOGENEOUS
SYSTEM FROM INHOMOGENEOUS POROUS MEDIUM**

Abstract

Results of experimental results of oil displacement by the viscous-elasticity systems from the non-homogeneous porous medium are presented.

Obtained results show that one of the main factors of displacement process is the dependence of velocity change from the shear velocity. Due to experimental study influence of displacement velocity to the efficiency of oil recovery is observed. Experiments on the different non-homogeneous two-layer porous medium is carrying out and shown, that the oil recovery coefficient may be increasing, if the shear velocity is changing.