

Measurement and analysis of real-world pore micromodel for multiphase flow displacement

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In this study, a pipe flow pressure measuring machine was used to measure the pressure of the PDMS micro-model made of the actual pore image injected by the pump. The residual amount in the micromodel is estimated from the numerical value of the pressure change, and whether the residual amount is the same as that of the previous micromodel.

Keywords: porous media, pipe flow pressure