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DETERMINATION OF PRESSURE IN THE PLUNGER DURING THE OPERATION OF OIL WELLS BY SUBMERSIBLE PUMPS

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ABSTRACT

The article discusses the definition of pressure on the plunger during the operation of oil wells with deep pumps. The resulting formulas are of interest, both for calculated purposes and to substantiate the methods of experimental research. Determination of the pressure on the plunger is of interest both for design purposes for the design and operation of oil wells and for substantiating the experimental research methodology. In the mathematical modelling of the process, generally accepted assumptions are used regarding the fluid and its motion.

KEYWORDS: *Pre-image and Laplace transform, Oil wells, Pressure on a plunger, Velocity liquid.*

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