

A NEW MODEL IN Θ -STOCK TO SIMULATE THCM BEHAVIOR IN OIL TRANSFER WITHIN FUNICULAR ZONE

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Summary. This article presents the model used in the development of θ -STOCK program for application on the problem of oil flow through porous media and briefly acquaints readers with verification and application of the modified program on complex scenarios of light oil flow through funicular(continuous capillary) zone of unsaturated soils in subsurface aquifers.