

Imbibition

Sweeping a non-wetting phase by wetting phase

Oil is non-wetting phase for the most non-petroleogenetic rocks so that water flood is imbibition process

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Fig. 1. Illustration of primary and secondary Drainage and Imbibition.

See also

Physics / Fluid Dynamics / Percolation / Sweeping

[Wettability] [Drainage]