

Saturation Height Function (SHF)

Correlation between the [initial formation water saturation](#) s_{wi} , which is formed by the oil-water gravity segregation over time, and the height above [FWL](#).

There is a fair number of various [SHF mathematical models](#) predicting the water saturation at a given point of a reservoir.

See also

[Physics](#) / [Fluid Dynamics](#) / [Percolation](#)

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Field Study & Modelling](#)

[[Petrophysics](#)] [[Basic reservoir properties](#)] [[SHF models](#)]