

Gas permeability

Formation permeability to gas percolation:

(1)
$$k_g = k_a \cdot k_{rg}$$

where

k_a	absolute permeability
k_{rg}	gas relative permeability

See also

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

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

[[Petrophysics](#)] [[Basic reservoir properties](#)] [[Wettability](#)] [[Permeability](#)] [[Absolute permeability](#)] [[Relative permeability](#)] [[Gas relative permeability](#)]