

Permeability-pressure correlations

Correlation between [absolute permeability](#) $k_a(p)$ at a given [reservoir pressure](#) p and [initial absolute permeability](#) k_{ai} at [initial formation pressure](#) p_i

Correlation	Name /Author	Scope
(1) $k_a(p) = k_{ai} \cdot \exp[-c_k \cdot (p_i - p)]$	Yilmaz and Nur	Wide pressure range below p_i : $p \leq p_i$

See also

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