

Chemical EOR

Motivation = maintain formation pressure at sweep interface with chemical injection and reduce residual oil to EOR sweep $s_{or\ eor} < s_{orw}$.

$$(1) \quad E_D = \frac{1 - s_{wi} - s_{ori}}{1 - s_{wi}}$$

where s_{wi} – initial water in oil pay, s_{ori} – residual oil to injection sweep.

C2 injection

See also

[Petroleum Industry](#) / [Upstream](#) / [Production](#) / [Field Development Plan](#) / [Recovery Methods](#)