

# WAG flooding

Motivation = maintain formation pressure at sweep interface with alternating injection of water and gas in case of high residual oil to water sweep is high  $s_{orw}$  and gas sweep is less than to water sweep  $s_{org} < s_{orw}$ .

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

## See also

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