

Cumulative Water-Oil Ratio = WOR

Ratio of cumulative water production Q_W^\uparrow to cumulative oil production Q_O^\uparrow :

$$(1) \quad \Sigma\text{WOR} = \frac{Q_W^\uparrow}{Q_O^\uparrow}$$

It relates to Cumulative watercut (Y_W) as:

$$(2) \quad \Sigma\text{WOR} = \frac{\Sigma Y_W}{1 - \Sigma Y_W}$$

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Well Testing \(WT\)](#) / [Flowrate Testing](#) / [Flowrate](#)

[[Water cut \(\$Y_W\$ \)](#)]