

Water-Oil Ratio = WOR

Ratio of [water production rate](#) $q_W^\uparrow$ to [oil production rate](#) $q_O^\uparrow$:

$$(1) \quad \text{WOR} = \frac{q_W^\uparrow}{q_O^\uparrow}$$

It relates to [production water cut](#) Y_W as:

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

See Also

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

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