

Injection Intakes

Total sandface flowrate at [injecting well](#) or [injecting wells](#):

Water Injector	Gas Injector
(1) $q_{iW}^\downarrow = B_w q_W^\downarrow$	(2) $q_{iG}^\downarrow = B_g q_G^\downarrow$

where

$q_W^\downarrow, q_G^\downarrow$	water, gas surface flowrates
B_w, B_g	formation volume factors between separator and sandface pressure/temperature conditions

See Also

[Petroleum Industry](#) / [Upstream](#) / [Production](#) / [Subsurface Production](#) / [Field Study & Modelling](#) / [Production Analysis](#)

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