

Average phase pressure

Arithmetic average across all [reservoir fluids phases](#) p :

3-phase Oil + Gas + Water fluid model	(1) $p = \frac{1}{3} (p_w + p_o + p_g)$
2-phase Oil + Water fluid model	(2) $p = \frac{1}{2} (p_w + p_o)$
2-phase Oil + Gas fluid model	(3) $p = \frac{1}{2} (p_o + p_g)$
2-phase Gas + Water fluid model	(4) $p = \frac{1}{2} (p_w + p_g)$

See also

[Natural Science](#) / [Physics](#) / [Fluid Dynamics](#) / [Percolation](#) / [Phase pressure](#)

[[Capillary pressure](#)] [[Average phase pressure](#)] [[Oil phase pressure](#)][[Gas phase pressure](#)][[Water phase pressure](#)]