

Datum Pressure @model

[@wikipedia](#)

(1) $p(x, y, z_{\text{dat}}) = p(x, y, z) + GP \cdot (z_{\text{dat}} - z)$

where

$p(x, y, z)$	pressure at reservoir location (x, y, z)
$p(x, y, z_{\text{dat}})$	equivalent reservoir pressure at Datum depth z_{dat}
z	True Vertical Depth Sub-Sea of reservoir location (x, y, z)
z_{dat}	Datum
GP	hydrostatic pressure gradient

See Also

[Petroleum Industry](#) / [Upstream](#) / [Petroleum Engineering](#) / [Subsurface E&P Disciplines](#) / [Reservoir Engineering](#) / [Datum](#) / [Datum Pressure](#)