

# Initial formation pressure = $P_i$

**Formation pressure**  $p_i$  at which the field has been formed before [anthropogenic invasion](#), either directly or indirectly through the connected reservoir(s).

Usually picked up from the first exploration well but can be adjusted if there is indication that it's been affected by the connected reservoir(s).

As the pressure may change at different field areas due to formation top variation the initial formation pressure is recalculated to some [datum](#) thus making  $p_i$  a one number for the whole connected reservoir.

## See also

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[Natural Science / Geoscience / Geology / Rock](#)

[Petroleum Industry / Upstream / Subsurface E&P Disciplines / Petroleum Geology / Reservoir pressure](#)

[\[Reservoir pressure\]](#) [\[Formation pressure,  \$P\_e\$ \]](#) [\[Drilled formation pressure,  \$P\_d\$ \]](#) [\[Startup formation pressure,  \$P\_0\$ \]](#)

[\[ Initial formation temperature \( \$T\_i\$ \) \]](#)