

Oil formation volume factor = Bo

Formation Volume Factor (FVF) for oil:

$$(1) \quad B_o(p, T) = \frac{\rho_o}{\rho_o} = \frac{V_o}{V_{Oo}} = \frac{q_o}{q_{Oo}}$$

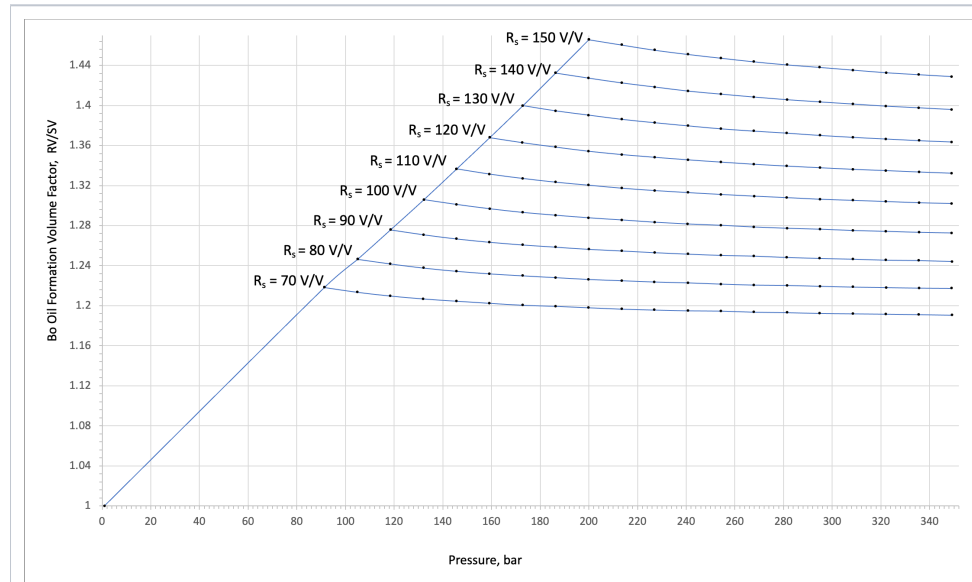


Fig. 1 – A set of Bo pressure dependencies at different Rs.

See Also

Petroleum Industry / Upstream / Subsurface E&P Disciplines / Fluid (PVT) Analysis / Dynamic fluid properties

[Formation Volume Factor (FVF)][Gas formation volume factor (Bg)][Water formation volume factor (Bw)]

[Oil formation volume factor Bo @model]