

NOMENCLATURE

- b = Approximate Radius of Investigation Feet
- b₁ = Approximate Radius of Investigation (Net Pay Zone h) Feet
- D.R. = Damage Ratio
- El = Elevation Feet
- GD = B.T. Gauge Depth (From Surface Reference) Feet
- h = Interval Tested Feet
- h₁ = Net Pay Thickness Feet
- K = Permeability md
- K₁ = Permeability (From Net Pay Zone h) md
- m = Slope Extrapolated Pressure Plot (Psi²/cycle Gas) psi/cycle
- OF₁ = Maximum Indicated Flow Rate MCF/D
- OF₂ = Minimum Indicated Flow Rate MCF/D
- OF₃ = Theoretical Open Flow Potential with/Damage Removed Max. MCF/D
- OF₄ = Theoretical Open Flow Potential with/Damage Removed Min. MCF/D
- P_s = Extrapolated Static Pressure Psig.
- P_f = Final Flow Pressure Psig.
- P_{o'} = Potentiometric Surface (Fresh Water *) Feet
- Q = Average Adjusted Production Rate During Test bbls/day
- Q₁ = Theoretical Production w/Damage Removed bbls/day
- Q_g = Measured Gas Production Rate MCF/D
- R = Corrected Recovery bbls
- r_w = Radius of Well Bore Feet
- t = Flow Time Minutes
- t_o = Total Flow Time Minutes
- T = Temperature Rankine °R
- Z = Compressibility Factor
- μ = Viscosity Gas or Liquid CP
- Log = Common Log

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.

