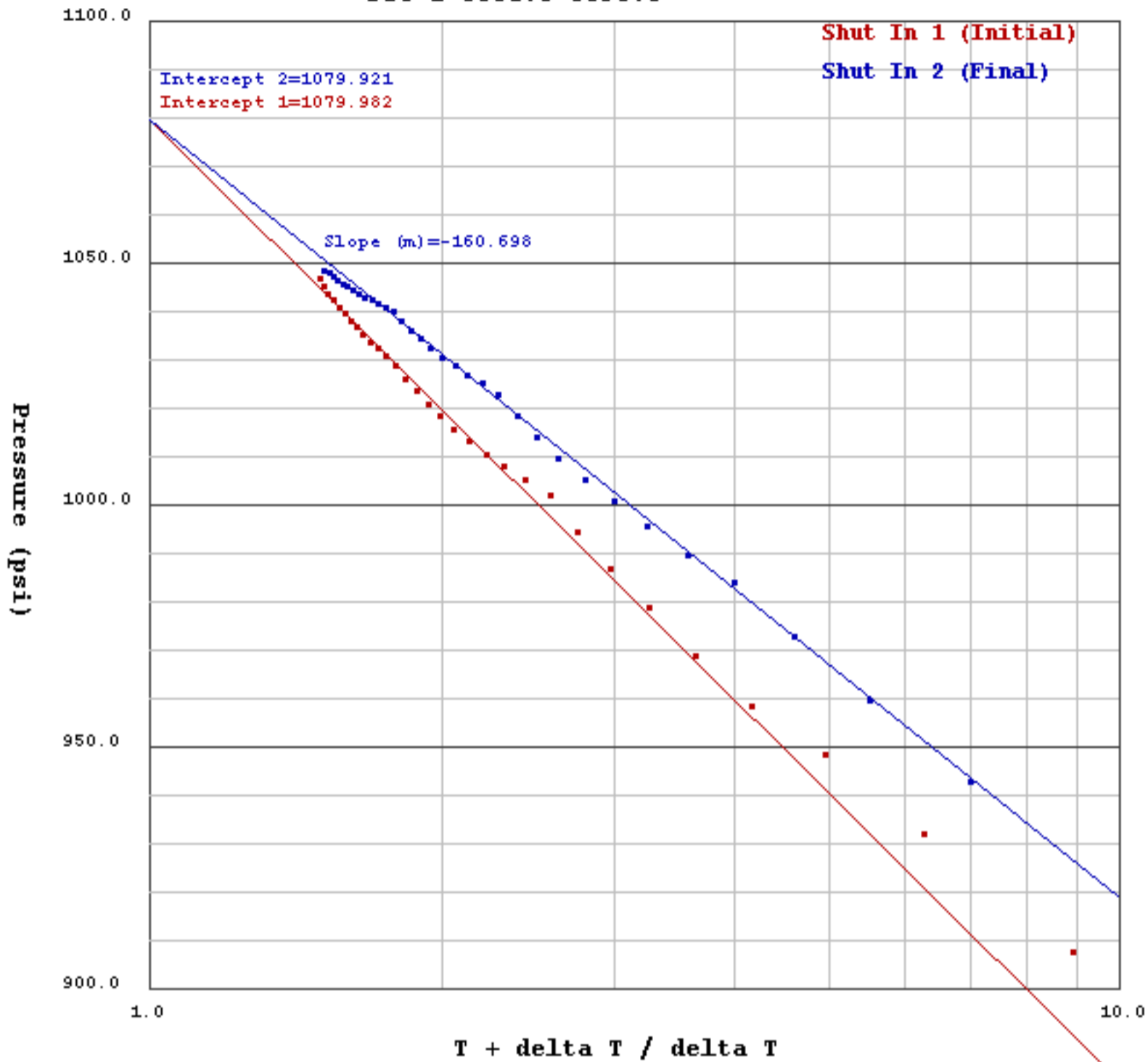


Horner Plot (Fluid DST)
Wellington KGS 1-32 (15-191-22591)
DST 1 3664.0 3690.0



$$m = 162.6 * q * B * u / (K * h)$$

where

slope (m) = 160.698 psi/cycle
 flow rate (q) = 98.854 stb/day
 viscosity (u) = 0.1 cp
 thickness (h) = 10.0 ft
 formation volume factor (B) = 1.0 rb/stb
 Permeability (K) = 1.0 md
 Transmissibility (K*h/u) = 100.024 md-ft/cd
 Permeability Thickness (K*h) = 10.002 md-ft

Estimated Damage Ratio = 2.097	initial reservoir pressure = 1079.921 psi
Skin Factor = 4.588	bottom hole flowing Pressure = 414.1 psi
Pressure Drop = 641.436 psi	flow time = 91.0 min
Radius of Investigation = 65.154 ft	bore hole radius = 0.657 ft
	drainage radius = 2140.0 ft
	compressibility = 1.0E-5 vol/vol/psi

Productivity Index = 0.059 stb/day/psi
 Settled Production Rate = 39.283 stb/day