

BOTTOM-HOLE PRESSURE CALCULATIONS

DRINKARD

300# surface pressure
1470' fluid, 50% oil & 50% water

735' oil x .364 psi/ft = 267.5 psi
735' water x .4463 psi/ft = 328.0 psi
5400' gas x .0077 psi/ft = 41.6 psi

BHP = 300 + 268 + 328 + 42 = 938 psi

BLINEBRY

350# surface pressure
2189' fluid, 33% oil & 67% water

722' oil x .359 psi/ft = 259.2 psi
1467' water x .4463 psi/ft = 654.7 psi
3200' gas x .009 psi/ft = 28.8 psi

BHP = 350 + 259 + 655 + 29 = 1293 psi