

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

COMPANY LEASE WELL NO. DATE

LOCATION: Unit Section Township Range

L H L/H G % CO₂ % N₂ % H₂S

GH P_{CT} T_{CT}

LINE	1	2	3	4	5	6	7	8
1	T_w (W.H. °R)							
2	T_s (B.H. °R)							
3	$T = \frac{T_w + T_s}{2}$							
4	Z (Est.)							
5	TZ							
6	GH/TZ							
7	e^s (Table XIV)							
8	P_f or P_s							
9	P_f^2 or P_s^2							
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$							
11	P_c or P_w							
12	$P \cdot \left(\frac{P_w + P_s}{2} \right)$ or $\left(\frac{P_c + P_f}{2} \right)$							
13	$P_f = (P/P_{CT})$							
14	$T_f = (T/T_{CT})$							
15	Z (Table XI)							