

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

Form G-122F
Adopted 9-1-65

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	Rate # 2	1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534	534	534	534	534	534	
2	$T_s(B.H. \cdot R)$	640	640	640	640	640	640	640	
3	$T_f(T_w + T_s)$	587	587	587	587	587	587	587	
4	Z (Est.)	1.167	1.187	1.130	1.127	1.110	1.058	1.056	
5	TZ	685.029	696.769	663.31	661.549	651.570	621.046	619.872	
6	GH/TZ	10.0433	9.8741	10.372	10.3998	10.5591	11.0780	11.0991	
7	e^S (Table XIV)	1.4573	1.4481	1.4754	1.4769	1.4858	1.5150	1.5162	
8	P_f or P_s	7779.2	7325.2	7325.2	7325.2	6492.2	6492.2	6492.2	
9	P_f^2 or P_s^2	60515.9	53658.5	53658.5	53658.5	42148.6	42148.7	42148.7	
10	$P_c^2 - P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	41524.4	37053.4	36367.7	36330.1	28367.2	27820.5	27798.7	
11	P_c or P_w	6443.9	6087.1	6030.6	6027.4	5326.0	5274.5	5272.4	
12	$P \cdot (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	7111.6	6706.1	6677.9	6676.3	5909.1	5883.4	5882.3	
13	$P_f = (P/P_{CT})$	10.58	9.98	9.94	9.94	8.79	8.75	8.75	
14	$T_f = (T/T_{CT})$	1.68	1.68	1.68	1.68	1.68	1.68	1.68	
15	Z (Table XI)	1.167	1.130	1.127	1.127	1.058	1.056	1.056	