

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)
FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Form C-122F
Adopted 9-1-65

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13,924 H 13,924 L/H 1 G .6233 % CO₂ .819 % N₂ .34 % H₂S .0 -

GH 8679 P_{cr} 675 T_{cr} 363

TABLE IX & X
RANK 1
RATG 2
KATG 3
RATG 4

LINE	1	2	3	4	5	6	7	8
1 T _w (W.H. °F)	513	513	516	516	519	519	521	521
2 T _s (B.H. °F)	669	669	669	669	669	669	669	669
3 T = $\frac{T_w + T_s}{2}$	591	591	593	593	594	594	595	595
4 Z (Est.)	.850	.830	.810	.828	.826	.844	.870	.883
5 T _z	502.4	491	480	491	491	501	518	525
6 GH/TZ	17.27	17.68	18.08	17.68	17.69	17.31	16.75	16.52
7 e ^s (Table XIV)	1.9113	1.9403	1.9700	1.9403	1.9412	1.9139	1.8744	1.8579
8 P _f or P _s	3184.2	3184.2	2833.2	2833.2	2262.2	2262.2	1414.2	1414.2
9 P _f ² or P _s ²	10139	10139	8027	8027	5118	5118	2000	2000
10 P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	5304	5225.	4075	4137	2636	2674	1067	1076.
11 P _c or P _w	2303.	2286	2018.7	2034	1624	1635	1033	1038
12 P = $\frac{P_w + P_s}{2}$ or $\frac{P_c + P_f}{2}$	27143.5	2735	2426	2434	1943.	1949	1224	1226
13 P _r = (P/P _{cr})	4.064	4.052	3.594	3.61	2.88	2.88	1.81	1.82.
14 T _r = (T/T _{cr})	1.63	1.63.	1.63	1.63.	1.64	1.64	1.64	1.64
15 Z (Table XI)	.830	.830	.828	.828	.844	.844	.883	.883.