

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 EE ASD EXP 10 LEASE E.P. FEB. 23 WELL NO. 1 DATE

LOCATION: Unit M Section 23 Township 26 Range 30

L 12284 H 12284 L/H 1.000 G .617 %CO₂ .38 %N₂ .41 %H₂S 0 GR

12284 10 GH 7579.2 P_{CT} 671 T_{CT} 362
TABLE IX & X TABLE IX & X (3)

1	2	3	4
1	T_w (W.H. °R)	534	534
2	T_s (B.H. °R)	660	660
3	$T = (\frac{T_w + T_s}{2})$	597	597
4	Z (Est.)	1.205	1.101
5	TZ	719.4	657.3
6	GH/TZ	10.536	11.531
7	e^S (Table XIV)	1.485	1.541
8	P_f or P_s	8235.2	6355.2
9	P_f^2 or P_s^2	67818.5	40949.8
10	$P_c^2 = P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	45684.0	26574.1
11	P_c or P_w	6759.0	5155.0
12	$P_c = (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	7497.1	5747.4
13	$P_r = (P/P_{cr})$	11.16	8.60
14	$T_r = (T/T_{cr})$	1.65	1.65
15	Z (Table XI)	1.205	1.045