

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

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

COMPANY MARALO, INC. LEASE STATE N.K. COM. WELL NO. 1 DATE 1-7-84
LOCATION: Unit L Section 6 Township 24S Range 25E
* 7942 H 2992 - L/H 1.000 G .696 % CO_2 .42 % N_2 .538 % H_2S 0

* B.H. INST. SET @ THIS DEPTH, GH 6099.53 P_{CT} 673 T_{CT} 372
TABLE IX & X
TABLE IX & X

LINE		1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	534	534						
2	T_s (B.H. °R)	614	614						
3	$T = \frac{(T_w + T_s)}{2}$	574	574						
4	Z (Est.)	.786	.799						
5	TZ	451.1	458.6						
6	GH/TZ	13.514	13.254						
7	e^S (Table XIV)	1.660	1.646						
8	P_f or P_s	1834.2	1834.2						
9	P_f^2 or P_s^2	3364.3	3364.3						
10	$P_c^2 = P_f^2/es$ or $P_w^2 = P_s^2/es$	2026.3	2043.1						
11	P_c or P_w	1423.4	1429.3						
12	$P = \frac{P_w + P_s}{2}$ or $\frac{P_c + P_f}{2}$	1623.8	1631.7						
13	$P_r = (P/P_{CT})$	2.92	2.42						
14	$T_r = (T/T_{CT})$	1.58	1.54						
15	Z (Table XI)	.799	.799						