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 Jake L. Hamon LEASE State V-249 WELL NO. 1 DATE 1-9-82

LOCATION: Unit M Section 36 Township 23S Range 26E

L 11,574 H _____ L/H _____ G .5857 % CO_2 1.532 % N_2 .289 % H_2S -0-

GH _____ P_{CT} 676 (TABLE II & X) T_{CT} 352 (TABLE II & X)

LINE		S.I. 1	1ST 2	2ND 3	3RD 4	4TH 5	6	7	8
1	T_w(W.H. °R)	536	536	537	540	539			
2	T_s(B.H. °R)	633	633	633	633	633			
3	$T=\left(\frac{T_w + T_s}{2}\right)$	584.5	584.5	585	586.5	586			
4	Z (Est.)	.909	.891	.879	.863	.849			
5	TZ	531.31	520.79	514.22	506.15	497.514			
6	GH/TZ	12.75881	13.01656	13.18299	13.39306	13.6255			
7	e^S(Table XIV)	1.613579	1.62925	1.63945	1.652417	1.66688			
8	P_f or P_s	4566.2	4282.2	4055.2	3745.2	3405.2			
9	P_f^2 or P_s^2	20,850	18,337.2	16,444.6	14,026.5	11,595.4			
10	$P_c^2 - P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	12,921.7	11,255	10,030.6	8488.5	6956.3			
11	P_c or P_w	3594.7	3354.8	3167.1	2913.5	2637.5			
12	$P=\left(\frac{P_w + P_s}{2}\right)$ or $\left(\frac{P_c + P_f}{2}\right)$	4080.4	3818.5	3611.2	3329.4	3021.35			
13	$P_r = (P/P_{CT})$	6.03	5.65	5.34	4.93	4.47			
14	$T_r = (T/T_{CT})$	1.66	1.66	1.66	1.66	1.66			
15	Z (Table XI)	.909	.891	.879	.863	.849			