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 Gor AG WELL NO. 1 DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 11,087 H 11,087 L/H 1.00 G .605 % CO_2 _____ % N_2 _____ % H_2S _____

GH 6708 P_{ct} 671 (TABLE IX & X) T_{ct} 358 (TABLE IX & X)

LINE		1	2	3	4	5	6	7	8
1	T_w(W.H. °R)	534	534	534	534	534	534	534	534
2	T_s(B.H. °R)	644	644	644	644	644	644	644	644
3	$T=(\frac{Tw+Ts}{2})$	589	589	589	589	589	589	589	589
4	Z (Est.)	.835	.822	.817	.818	.825	.835	.846	.857
5	TZ	491.8	484.2	481.2	481.8	485.9	491.8	498.3	504.9
6	GH/TZ	13.64	12.65	13.94	13.92	13.80	13.64	13.46	13.29
7	e^s(Table XIV)	1.67	1.68	1.67	1.69	1.68	1.67	1.66	1.65
8	P_f or P_s	3164.2	3164.2	2616.2	2616.2	2513.2	2013.2	1579.2	1579.2
9	P_f^2 or P_s^2	10012.2	10012.2	6844.5	6844.5	6318.0	4053.0	2468.7	2468.7
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	6003.4	5955.0	4058.1	4060.7	3761.2	2430.2	1480.1	1499.8
11	P_c or P_w	2450.2	2440.3	2014.5	2015.1	1939.4	1559.9	1220.7	1224.7
12	$P=(\frac{P_w+P_s}{2})$ or $(\frac{P_c+P_f}{2})$	2807.2	2802.2	2315.3	2315.7	2288.2	1786.1	1395.9	1395.9
13	$P_r = (P/P_{ct})$	4.18	4.18	3.45	3.45	3.41	2.66	2.08	2.08
14	$T_r = (T/T_{ct})$								