WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (~~P_t~~ or P_w)

FROM KNOWN BOTTOM HOLE PRESSURE (~~P_f~~ or P_s)

Form C-122F
Adopted 9-1-65

COMPANY [illegible] LEASE St. 16 B Com WELL NO. 1 DATE 12-21-8[illegible]

LOCATION: Unit [illegible] Section 16 Township 19S Range 29E

[illegible] H .6[illegible] L/H 1.00 G .709 % CO_2 .33 % N_2 .792 % H_2S [illegible]

GH 7578 P_{cr} 668 (TABLE IX & X) T_{cr} 395 (TABLE IX & X)

		Cole 1	Cole 2	Cole 3	Cole 4				
		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)	641	641	641	641	641	641	641	641
3	$T\left(\frac{T_w + T_s}{2}\right)$	588	588	588	588	588	588	588	588
4	Z (Est.)	1.005	.945	.964	.910	.908	.862	.853	.8[illegible]
5	TZ	590.4	555.2	566.5	534.6	533.5	506.4	501	[illegible]
6	GH/TZ	12.834	13.649	13.380	14.174	14.206	14.9[illegible]	[illegible]	[illegible]
7	e^S(Table XIV)	1.618	1.668	1.652	1.701	1.704	1.[illegible]53	1.[illegible]6[illegible]	1.[illegible]
8	P_f or P_s	5491.2	5491.2	5109.2	5109.2	4522.2	4522.2	3[illegible]98.2	3[illegible]8.2
9	P_f^2 or P_s^2	30153.3	30153.3	26103.9	26103.9	20450.3	20450.3	[illegible]	[illegible]
10	$P_t^2 = P_t^2/e^S$ or $P_w^2 = P_s^2/e^S$	18634.1	18073.4	15804.9	15341.2	12004.5	11668.1	8[illegible]1.0	8.39[illegible]
11	P_t or P_w	4316.7	4251.3	3975.5	3916.8	3464.8	3415.9	29[illegible]8	28[illegible]3
12	$P\left(\frac{P_w + P_s}{2}\right)$ or $\left(\frac{P_c + P_f}{2}\right)$	4904.0	4871.2	4542.4	4512.9	3993.5	3969.0	3[illegible]	3[illegible]
13	$P_r = (P/P_{cr})$	7.34	7.29	6.80	6.76	5.98	5.94	5.12	5.09
14	$T_r = (T/T_{cr})$	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49
15	Z (Table XI)	.945	.940	.910	.907	.862	.859	.815	.814

One copy to be filed in District Office (Work copy acceptable)