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 Read & Stevens LEASE [illegible] WELL NO. 3 DATE 10-12-78

LOCATION: Unit I Section [illegible] Township 15 Range 28

L 8640 H 8640 L/H 1.00 G [illegible] % CO_2 ____ % N_2 ____ % H_2S ____

GH 5823 P_{cr} 662 (TABLE IX & X) T_{cr} 382 (TABLE IX & X)

LINE		1	2	3	4	5	6	7	8
		I		II		III		IV	
1	T_w(W.H. °R)	534	534	534	534	534	534	[illegible]	534
2	T_s(B.H. °R)	594	[illegible]	594	594	594	594	[illegible]	594
3	$T=(\frac{T_w+T_s}{2})$	564	[illegible]	564	564	564	564	[illegible]	[illegible]
4	Z (Est.)	.788	.772	.770	.771	.773	.772	.773	.785
5	TZ	[illegible]	[illegible]	[illegible]	434.8	436.0	[illegible]	[illegible]	[illegible]
6	GH/TZ	[illegible]	[illegible]	[illegible]	[illegible]	13.418	13.418	13.418	[illegible]
7	e^s(Table XIV)	2.073	2.105	2.061	2.107	2.103	2.103	2.103	[illegible]
8	P_f or P_s	2968.2	2968.2	2759.2	2759.2	2526.2	2526.2	2186.2	2186.2
9	P_f^2 or P_s^2	8810.2	8810.2	7613.2	7613.2	6381.7	6381.7	4753.3	4753.3
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	4249.9	4181.2	[illegible]	3613.9	3035.2	3035.2	2260.7	[illegible]
11	P_c or P_w	[illegible]	2046.0	1948.3	1901.0	1742.2	1742.2	1503.6	[illegible]
12	$P=(\frac{P_w+P_s}{2})$ or $(\frac{P_c+P_f}{2})$	2514.9	2507.1	2333.8	2330.1	2134.2	2134.2	1841.7	[illegible]
13	$P_r = (P/P_{cr})$	3.76	3.75	3.49	3.48	3.19	3.19	2.75	2.76
14	$T_r = (T/T_{cr})$	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
15	Z (Table XI)	.772	.772	.771	.771	.773	.773	.785	.785

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