

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (P_c ~~or P_w~~)
FROM KNOWN BOTTOM HOLE PRESSURE (P_f ~~or P_w~~)

FORM C-122F

COMPANY PHILLIPS PETROLEUM LEASE : MUSK. 17 WELL NO. : 1 DATE 2 14 92
UNIT SECTION : TOWNSHIP : RANGE :
L 10445 H : 10445 L/4 : 1 G/GMIX : 0.6700
CO2 : 2.34 NL : 0.62 H2S :
GH : 6998.2 PCR : 677 TCR : 379

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	638.5	638.5	638.5	638.5	638.5	638.5	638.5	638.5
3	$T = (T_w + T_s / 2)$	586.2	586.2	586.2	586.2	586.2	586.2	586.2	586.2
4	Z (EST.)	0.895	0.808	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	524	474	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	13.343	14.776	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.649	1.740	ERR	ERR	ERR	ERR	ERR	ERR
8	P_f or P_s	3758.2	3758.2	0	0	0	0	0	0
9	$P_f 2$ or $P_s 2$	14124.1	14124.1	0.0	0.0	0.0	0.0	0.0	0.0
10	$P_c 2 = P_f / eS$ or $P_w 2 = P_s 2 / eS$	8563.6	8115.4	ERR	ERR	ERR	ERR	ERR	ERR
11	P_c or P_w	2926	2849	ERR	ERR	ERR	ERR	ERR	ERR
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	3342	3303	ERR	ERR	ERR	ERR	ERR	ERR
13	$Pr = (P / P_{cr})$	4.94	4.88	ERR	ERR	ERR	ERR	ERR	ERR
14	$Tr(T / T_{cr})$	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
15	Z (TABLE XI)	0.808	0.806	ERR	ERR	ERR	ERR	ERR	ERR

~~1~~ ~~2848.8~~ P_w 2 : ERR P_w 3 : ERR P_w 4 : ERR

P_c