

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

FORM C-122F

COMPANY MEWBOURNE OIL CO. LEASE : FED. N WELL NO. : 1 DATE
UNIT SECTION : TOWNSHIP : RANGE :
L 10268 H : 10268 L/H : 1 G/GMIX : 0.6290
CO2 : 0.56 N2 : 1.02 H2S :
GH : 6458.6 PCR : 670 TCR : 362

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)	636.7	636.7	636.7	636.7	636.7	636.7	636.7	636.7
3	$T = (T_w + T_s / 2)$	585.3	585.3	585.3	585.3	585.3	585.3	585.3	585.3
4	Z (EST.)	0.872	0.818	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	510	479	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	12.655	13.489	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.607	1.658	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	2094.2	2094.2	0	0	0	0	0	0
9	Pf2 or Ps2	4385.7	4385.7	0.0	0.0	0.0	0.0	0.0	0.0
10	$P_c2 = P_f / eS$ or $P_w2 = P_s2 / eS$	2728.6	2644.5	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	1652	1626	ERR	ERR	ERR	ERR	ERR	ERR
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	1873	1860	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr = (P/Pcr)	2.80	2.78	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr (T/Tcr)	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
15	Z (TABLE XI)	0.818	0.818	ERR	ERR	ERR	ERR	ERR	ERR

P_a

~~PW~~ 1 : 1626.2 PW 2 : ERR PW 3 : ERR PW 4 : ERR