

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
UNIT L 10386.5
LEASE : ILL. CAMP SWELL NO. : 20
SECTION : 20 TWSHP : 18
H : 10386.5 L/H : 1
CO₂ : 0.99 N₂ : 0.58
GH : 6938.2 PCR : 674

DATE 07-25-94
RANGE : 28
G/GMIX : 0.6680
H₂S :
TCR : 377

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)	637.9	637.9	637.9	637.9	637.9	637.9	637.9	637.9
3	$T = (T_w + T_s / 2)$	585.9	585.9	585.9	585.9	585.9	585.9	585.9	585.9
4	Z (EST.)	0.882	0.835	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	517	489	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	13.431	14.189	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.655	1.702	ERR	ERR	ERR	ERR	ERR	ERR
8	P_f or P_s	1372	1372						
9	P_{f2} or P_{s2}	1882.4	1882.4	ERR	ERR	ERR	ERR	ERR	ERR
10	$P_{c2} = P_f / eS$ or $P_{w2} = P_{s2} / eS$	1137.5	1105.7	ERR	ERR	ERR	ERR	ERR	ERR
11	P_c or P_w	1067	1052	ERR	ERR	ERR	ERR	ERR	ERR
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	1219	1212	ERR	ERR	ERR	ERR	ERR	ERR
13	$P_r = (P / P_{cr})$	1.81	1.80	ERR	ERR	ERR	ERR	ERR	ERR
14	$T_r(T / T_{cr})$	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
15	Z (TABLE XI)	0.835	0.835	ERR	ERR	ERR	ERR	ERR	ERR

PW 5 : 1051.57 PW 2 : ERR PW 3 : ERR PW 4 : ERR