

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw)
FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

FORM C-122F

COMPANY MEUBOURNE OIL LEASE : ILL. CP 17 WELL NO. : 1 DATE 10-04-93
UNIT SECTION : 17 TOWNSHIP : 18 RANGE : 28
L 10252 H : 10252 L/H : 1 G/GMIX : 0.6500
CO2 : 0.5 N2 : 1.8 H2S :
GH : 6663.8 PCR : 669 TCR : 372

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)	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5
3	T=(TW+Ts/2)	585.3	585.3	585.3	585.3	585.3	585.3	585.3	585.3
4	Z (EST.)	0.888	0.809	0.818	0.801	0.800	0.792	0.792	0.791
5	TZ	520	473	479	469	468	464	464	463
6	GH/TZ	12.820	14.082	13.925	14.212	14.236	14.377	14.370	14.395
7	eS(TABLE XIV)	1.617	1.696	1.686	1.704	1.705	1.715	1.714	1.716
8	Pf or Ps	3466.9	3466.9	3287.9	3287.9	2870.4	2870.4	2560.7	2560.7
9	Pf2 or Ps2	12019.4	12019.4	10810.3	10810.3	8239.2	8239.2	6557.2	6557.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	7431.8	7088.2	6412.9	6344.3	4831.1	4805.5	3825.5	3821.9
11	Pc or Pw	2726	2662	2532	2519	2198	2192	1956	1955
12	P=(Pw+Ps/2) or (Pc+Pf/2)	3097	3065	2910	2903	2534	2531	2258	2258
13	Pr=(P/Pcr)	4.63	4.58	4.35	4.34	3.79	3.78	3.38	3.37
14	Tr(T/Tcr)	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
15	Z (TABLE XI)	0.809	0.807	0.801	0.801	0.792	0.792	0.791	0.791

PW 1 : ~~2662.4~~ PW 2 : ~~2518.8~~ PW 3 : ~~2192.7~~ PW 4 : ~~1953.0~~