

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

FORM C-122F

COMPANY MARALD INC. LEASE : C.FED COM WELL NO. : 1 DATE 7/25/95
UNIT SECTION : 5 TOWNSHIP : 24 RANGE : 29
L 11147 H : 11147 L/H : 1 G/GMIX : 0.6550
CO2 : 0.65 N2 : 0.28 H2S :
GH : 7301.3 PCR : 670 TCR : 375

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)	645.5	645.5	645.5	645.5	645.5	645.5	645.5	645.5
3	T=(Tw+Ts/2)	589.7	589.7	589.7	589.7	589.7	589.7	589.7	589.7
4	Z (EST.)	1.026	0.911	0.941	0.895	0.924	0.881	0.901	0.862
5	TZ	605	537	555	528	545	519	531	508
6	GH/TZ	12.065	13.586	13.155	13.826	13.401	14.058	13.737	14.366
7	eS(TABLE XIV)	1.572	1.664	1.638	1.679	1.653	1.694	1.674	1.714
8	Pf or Ps	5156.3	5156.3	4985.6	4985.6	4784.3	4784.3	4512	4512
9	Pf2 or Ps2	26587.4	26587.4	24856.2	24856.2	22889.5	22889.5	20358.1	20358.1
10	Pc2=Pf/eS or Pw2=Ps2/eS	16911.7	15973.9	15177.1	14800.3	13847.9	13511.2	12162.1	11878.9
11	Pc or Pw	4112	3997	3896	3847	3721	3676	3487	3447
12	P=(Pw+Ps/2) or (Pc+Pf/2)	4634	4577	4441	4416	4253	4230	4000	3979
13	Pr=(P/Pcr)	6.92	6.83	6.63	6.59	6.35	6.31	5.97	5.94
14	Tr(T/Tcr)	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
15	Z (TABLE XI)	0.911	0.907	0.895	0.894	0.881	0.879	0.862	0.860

PW 1 : 3996.7 PW 2 : 3847.1 PW 3 : 3675.8 PW 4 : 3446.6