

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

FORM C-122F

COMPANY MARALD INC.

LEASE : STATE 11 WELL NO. : 1 DATE 10-04-94

UNIT I

SECTION : 11 TOWNSHIP : 19 RANGE : 28

L

11037 H : 11037 L/H : 1 G/GMIX : 0.6280

CO2 : 0.7 N2 : 0.28 H2S :

GH : 6931.2 PCR : 671 TCR : 365

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)	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4
3	T=(Tw+Ts/2)	589.2	589.2	589.2	589.2	589.2	589.2	589.2	589.2
4	Z (EST.)	0.912	0.830	0.832	0.817	0.816	0.810	0.809	0.812
5	TZ	537	489	490	481	481	477	477	479
6	GH/TZ	12.900	14.176	14.147	14.398	14.414	14.529	14.541	14.484
7	eS(TABLE XIV)	1.622	1.702	1.700	1.716	1.717	1.724	1.725	1.721
8	Pf or Ps	3610.3	3610.3	3260.1	3260.1	2848.7	2848.7	2324	2324
9	Pf2 or Ps2	13034.3	13034.3	10628.3	10628.3	8115.1	8115.1	5401.0	5401.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	8035.3	7659.7	6252.6	6194.2	4726.6	4706.3	3130.8	3137.5
11	Pc or Pw	2835	2768	2501	2489	2174	2169	1769	1771
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3222	3189	2880	2874	2511	2509	2047	2048
13	Pr=(P/Pcr)	4.80	4.75	4.29	4.28	3.74	3.74	3.05	3.05
14	Tr(T/Tcr)	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
15	Z (TABLE XI)	0.830	0.828	0.817	0.817	0.810	0.810	0.812	0.812

PW 1 : 2767.6 PW 2 : 2488.8 PW 3 : 2169.4 PW 4 : 1771.3