

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

FORM C-122F

COMPANY MARALO INC
UNIT C
L 14590

LEASE : BILBREY WELL NO. : 34 FED 1
SECTION : 34 TOWNSHIP : 21
H : 14590 L/H : 1
CO2 : 0.83 N2 : 0.24
GH : 8870.7 PCR : 671

DATE 4 17 91
RANGE : 32
G/GMIX : 0.6080
H2S :
TCR : 358

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)	679.9	679.9	679.9	679.9	679.9	679.9	679.9	679.9
3	T=(Tw+Ts/2)	607.0	607.0	607.0	607.0	607.0	607.0	607.0	607.0
4	Z (EST.)	1.085	0.963	0.986	0.938	0.945	0.905	0.899	0.870
5	TZ	659	585	598	570	574	549	546	528
6	GH/TZ	13.467	15.176	14.827	15.573	15.464	16.144	16.257	16.791
7	eS(TABLE XIV)	1.657	1.767	1.744	1.793	1.786	1.832	1.840	1.877
8	Pf or Ps	5601.2	5601.2	5276.2	5276.2	4730.2	4730.2	4031.2	4031.2
9	Pf2 or Ps2	31373.4	31373.4	27838.3	27838.3	22374.8	22374.8	16250.6	16250.6
10	Pc2=Pf/eS or Pw2=Ps2/eS	18934.0	17758.2	15964.8	15524.4	12529.0	12213.5	8832.9	8657.9
11	Pc or Pw	4351	4214	3996	3940	3540	3495	2972	2942
12	P=(Pw+Ps/2)or(Pc+Pf/2)	4976	4908	4636	4608	4135	4112	3502	3487
13	Pr=(P/Pcr)	7.42	7.31	6.91	6.87	6.16	6.13	5.22	5.20
14	Tr(T/Tcr)	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
15	Z (TABLE XI)	0.963	0.958	0.938	0.937	0.905	0.904	0.870	0.870

PW 1 : 4214.0 PW 2 : 3940.1 PW 3 : 3494.8 PW 4 : 2942.4