

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

FORM C-122F

COMPANY MARATHON OIL CO.

LEASE : GARVIN 22 WELL NO. : 1

DATE 7/30/98

UNIT

SECTION :

TWNSHP :

RANGE :

L

10634

H : 10634

L/H : 1

G/GMIX : 0.6340

CO2 : 0.563

N2 : 0.369

H2S :

GH : 6742.0

PCR : 673

TCR : 364

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)	640.3	640.3	640.3	640.3	640.3	640.3	640.3	640.3
3	T=(Tw+Ts/2)	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2
4	Z (EST.)	0.950	0.857	0.879	0.851	0.875	0.848	0.875	0.847
5	TZ	558	503	516	500	514	498	514	498
6	GH/TZ	12.093	13.400	13.056	13.490	13.116	13.540	13.128	13.550
7	eS(TABLE XIV)	1.574	1.653	1.632	1.658	1.635	1.662	1.636	1.662
8	Pf or Ps	4172.47	4172.47	4097.66	4097.66	4038.42	4038.42	4025.89	4025.89
9	Pf2 or Ps2	17409.5	17409.5	16790.8	16790.8	16308.8	16308.8	16207.8	16207.8
10	Pc2=Pf/eS or Pw2=Ps2/eS	11062.3	10533.0	10290.8	10124.4	9972.8	9815.4	9906.3	9750.8
11	Pc or Pw	3326	3245	3208	3182	3158	3133	3147	3123
12	P=(Pw+Ps/2) or (Pc+Pf/2)	3749	3709	3653	3640	3598	3586	3587	3574
13	Pr=(P/Pcr)	5.57	5.51	5.43	5.41	5.35	5.33	5.33	5.31
14	Tr(T/Tcr)	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
15	Z (TABLE XI)	0.857	0.854	0.851	0.850	0.848	0.847	0.847	0.847

PW 1 : 3245.5 PW 2 : 3181.9 PW 3 : 3133.0 PW 4 : 3122.6