

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw)

FORM C-122F

FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

COMPANY MARLOW INC. LEASE : S D 26 F WELL NO. : 1 DATE 2 24 95
 UNIT SECTION : 26 TWSHP : 20 RANGE : 26
 L 10279 H : 10279 L/H : 1 G/GMIX : 0.6240
 CO2 : 0.78 N2 : 1.39 H2S :
 GH : 6414.1 PCR : 670 TCR : 362

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)	636.8	636.8	636.8	636.8	636.8	636.8	636.8	636.8
3	T=(Tw+Ts/2)	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4
4	Z (EST.)	0.965	0.870	0.896	0.866	0.894	0.864	0.891	0.862
5	TZ	565	509	524	507	523	506	522	505
6	GH/TZ	11.357	12.594	12.232	12.657	12.254	12.676	12.294	12.710
7	eS(TABLE XIV)	1.531	1.604	1.582	1.607	1.583	1.609	1.586	1.611
8	Pf or Ps	4336.2	4336.2	4293.2	4293.2	4271.2	4271.2	4231.2	4231.2
9	Pf2 or Ps2	18802.6	18802.6	18431.6	18431.6	18243.1	18243.1	17903.1	17903.1
10	Pc2=Pf/eS or Pw2=Ps2/eS	12281.6	11724.9	11650.5	11466.5	11522.0	11341.2	11290.5	11115.5
11	Pc or Pw	3505	3424	3413	3386	3394	3368	3360	3334
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3920	3880	3853	3840	3833	3819	3796	3783
13	Pr=(P/Pcr)	5.85	5.79	5.75	5.73	5.72	5.70	5.67	5.65
14	Tr(T/Tcr)	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
15	Z (TABLE XI)	0.870	0.867	0.866	0.865	0.864	0.864	0.862	0.861

PW 1 : 3424.2 PW 2 : 3386.2 PW 3 : 3367.7 PW 4 : 3334.0