

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

FORM C-122F

COMPANY MARSHALL PIPE& SUPPLY LEASE :STOL BERG WELL NO. : 1 DATE :10 2 92
UNIT F SECTION : 26 TOWNSHIP : 2 RANGE : 29
L 2925 H : 2925 L/H : 1 G/GMIX : 0.6990
CO2 : 2.99 N2 : 11.26 H2S : 0.41
GH : 2044.6 PCR : 658 TCR : 355

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)	563.3	563.3	563.3	563.3	563.3	563.3	563.3	563.3
3	T=(Tw+Ts/2)	548.6	548.6	548.6	548.6	548.6	548.6	548.6	548.6
4	Z (EST.)	0.910	0.852	0.859	0.863	0.878	0.882	0.900	0.902
5	TZ	499	467	471	474	482	484	493	495
6	GH/TZ	4.095	4.374	4.337	4.316	4.243	4.226	4.143	4.131
7	eS(TABLE XIV)	1.166	1.178	1.177	1.176	1.172	1.172	1.168	1.168
8	Pf or Ps	1026.2	1026.2	921.2	921.2	756.2	756.2	582.2	582.2
9	Pf2 or Ps2	1053.1	1053.1	848.6	848.6	571.8	571.8	339.0	339.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	903.2	893.8	721.2	721.8	487.7	488.0	290.2	290.3
11	Pc or Pw	950	945	849	850	698	699	539	539
12	P=(Pw+Ps/2)or(Pc+Pf/2)	988	986	885	885	727	727	560	561
13	Pr=(P/Pcr)	1.50	1.50	1.35	1.35	1.11	1.11	0.85	0.85
14	Tr(T/Tcr)	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
15	Z (TABLE XI)	0.852	0.852	0.863	0.863	0.882	0.882	0.902	0.902

PW 1 : 945.4 PW 2 : 849.6 PW 3 : 698.6 PW 4 : 538.8

945.6

850.3

699.2

539.4