

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

FORM C-122F

COMPANY MERIT ENERGY LEASE : ST. Q COM WELL NO. : 1 DATE 05-13-94
UNIT L SECTION : 34 TOWNSHIP : 21 RANGE : 26
L 10034.5 H : 10034.5 L/H : 1 G/GMIX : 0.6330
CO2 : 0.49 N2 : 0.84 H2S :
GH : 6351.8 PCR : 670 TCR : 368

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)	634.3	634.3	634.3	634.3	634.3	634.3	634.3	634.3
3	T=(Tw+Ts/2)	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2
4	Z (EST.)	0.859	0.797	0.798	0.798	0.797	0.799	0.798	0.802
5	TZ	502	466	466	466	466	466	466	468
6	GH/TZ	12.655	13.638	13.620	13.632	13.635	13.616	13.632	13.558
7	eS(TABLE XIV)	1.607	1.668	1.667	1.667	1.667	1.666	1.667	1.663
8	Pf or Ps	2667.84	2667.84	2534.02	2534.02	2434.49	2434.49	2243.61	2243.61
9	Pf2 or Ps2	7117.4	7117.4	6421.3	6421.3	5926.7	5926.7	5033.8	5033.8
10	Pc2=Pf/eS or Pw2=Ps2/eS	4428.1	4267.9	3853.1	3851.3	3554.4	3556.8	3019.2	3027.5
11	Pc or Pw	2104	2066	1963	1962	1885	1886	1738	1740
12	P=(Pw+Ps/2) or (Pc+Pf/2)	2386	2367	2248	2248	2160	2160	1991	1992
13	Pr=(P/Pcr)	3.56	3.53	3.36	3.36	3.22	3.22	2.97	2.97
14	Tr(T/Tcr)	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
15	Z (TABLE XI)	0.797	0.797	0.798	0.798	0.799	0.799	0.802	0.802

PW 1 : 2065.9 PW 2 : 1962.5 PW 3 : 1885.9 PW 4 : 1740.0