

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

FORM C-122F

COMPANY STEVENS & TULL

LEASE : LITTLE ^{Box} ~~BOWELL~~ NO. : 2

DATE 8/31/98

UNIT

SECTION :

TWN SHP :

RANGE :

L

7950.5

H : 7950.5

L/H : 1

G/GMIX : 0.6330

CO2 : 0.194

N2 : 0.448

H2S :

GH : 5032.7

PCR : 673

TCR : 364

LINE		1	2	3	4	5	6	7	8
1	TM(M.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	613.5	613.5	613.5	613.5	613.5	613.5	613.5	613.5
3	T=(Tm+Ts/2)	573.8	573.8	573.8	573.8	573.8	573.8	573.8	573.8
4	Z (EST.)	0.858	0.794	0.799	0.793	0.796	0.792	0.795	0.792
5	TZ	492	455	458	455	457	455	456	454
6	GH/TZ	10.224	11.050	10.984	11.058	11.015	11.069	11.037	11.073
7	eS(TABLE XIV)	1.467	1.513	1.510	1.514	1.511	1.514	1.513	1.515
8	Pf or Ps	2831.1	2831.1	2803	2803	2713.7	2713.7	2636.7	2636.7
9	Pf2 or Ps2	8015.1	8015.1	7856.8	7856.8	7364.2	7364.2	6952.2	6952.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	5462.7	5296.1	5204.3	5189.9	4872.2	4862.5	4595.8	4589.7
11	Pc or Pw	2337	2301	2281	2278	2207	2205	2144	2142
12	P=(Pw+Ps/2) or (Pc+Pf/2)	2584	2566	2542	2541	2461	2459	2390	2390
13	Pr=(P/Pcr)	3.84	3.81	3.78	3.77	3.66	3.65	3.55	3.55
14	Tr(T/Tcr)	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
15	Z (TABLE XI)	0.794	0.794	0.793	0.793	0.792	0.792	0.792	0.792

PW 1 : 2301.3 PW 2 : 2278.1 PW 3 : 2205.1 PW 4 : 2142.3