

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 BOWELL NO. : 3

DATE 11/22/98

UNIT

SECTION :

TWNHSP :

RANGE :

L

7938

H : 7938

L/H : 7938

G/GMIX : 0.6910

CO2 : 0.642

N2 : 4.244

H2S :

GH : 5485.2

PCR : 666

TCR : 326

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)	613.4	613.4	613.4	613.4	613.4	613.4	613.4	613.4
3	T=(Tw+Ts/2)	573.7	573.7	573.7	573.7	573.7	573.7	573.7	573.7
4	Z (EST.)	0.926	0.861	0.861	0.862	0.864	0.868	0.879	0.885
5	TZ	531	494	494	494	496	498	504	507
6	GH/TZ	10.329	11.104	11.104	11.095	11.061	11.009	10.880	10.808
7	eS(TABLE XIV)	1.473	1.517	1.517	1.516	1.514	1.511	1.504	1.500
8	Pf or Ps	2542.8	2542.8	2325.4	2325.4	1909.8	1909.8	1430.1	1430.1
9	Pf2 or Ps2	6465.8	6465.8	5407.5	5407.5	3647.3	3647.3	2045.2	2045.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	4389.4	4263.6	3565.8	3567.1	2409.0	2413.7	1360.0	1363.7
11	Pc or Pw	2095	2065	1888	1889	1552	1554	1166	1168
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2319	2304	2107	2107	1731	1732	1298	1299
13	Pr=(P/Pcr)	3.48	3.46	3.16	3.16	2.60	2.60	1.95	1.95
14	Tr(T/Tcr)	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76
15	Z (TABLE XI)	0.861	0.861	0.862	0.862	0.868	0.868	0.885	0.885

PW 1 : 2064.9 PW 2 : 1888.7 PW 3 : 1553.6 PW 4 : 1167.8