

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

FORM C-122F

COMPANY LOUIS DREYFUSS

LEASE : FIREWEED WELL NO. : 1

DATE 8/3/99

UNIT

SECTION :

TWN SHP :

RANGE :

L

8606

H : 8606

L/H :

G/GMIX : 0.7650

CO2 : 1.075

N2 : 1.872

H2S :

GH : 6583.6

PCR : 669

TCR : 405

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)	620.1	620.1	620.1	620.1	620.1	620.1	620.1	620.1
3	T=(Tw+Ts/2)	577.0	577.0	577.0	577.0	577.0	577.0	577.0	577.0
4	Z (EST.)	0.783	0.713	0.728	0.711	0.724	0.710	0.712	0.707
5	TZ	452	411	420	411	418	410	411	408
6	GH/TZ	14.576	16.004	15.679	16.038	15.750	16.071	16.026	16.140
7	eS(TABLE XIV)	1.727	1.822	1.800	1.825	1.805	1.827	1.824	1.832
8	Pf or Ps	2917.4	2917.4	2889.7	2889.7	2829.8	2829.8	2538.4	2538.4
9	Pf2 or Ps2	8511.2	8511.2	8350.4	8350.4	8007.8	8007.8	6443.5	6443.5
10	Pc2=Pf/eS or Pw2=Ps2/eS	4927.3	4670.3	4638.3	4576.3	4436.1	4383.1	3532.8	3517.7
11	Pc or Pw	2220	2161	2154	2139	2106	2094	1880	1876
12	P=(Pw+Ps/2) or (Pc+Pf/2)	2569	2539	2522	2514	2468	2462	2209	2207
13	Pr=(P/Pcr)	3.84	3.80	3.77	3.76	3.69	3.68	3.30	3.30
14	Tr(T/Tcr)	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
15	Z (TABLE XI)	0.713	0.712	0.711	0.711	0.710	0.710	0.707	0.707

PW 1 : 2161.1 PW 2 : 2139.2 PW 3 : 2093.6 PW 4 : 1875.6