

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

FORM C-122F

COMPANY SANTA FE ENERGY

LEASE : GAUCHO

WELL NO. : 21-#1

DATE

UNIT

SECTION :

TWN SHP :

RANGE :

L

12865

H : 12865

L/H : 1

G/GMIX : 0.5900

CO2 : 0.349

N2 : 0.455

H2S :

GH : 7590.3

PCR : 350

TCR : 675

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)	662.6	662.6	662.6	662.6	662.6	662.6	662.6	662.6
3	T=(Tw+Ts/2)	598.3	598.3	598.3	598.3	598.3	598.3	598.3	598.3
4	Z (EST.)	-1.892	-1.841	-1.660	-1.761	-1.555	-1.668	-1.326	-1.450
5	TZ	-1132	-1101	-993	-1054	-930	-998	-794	-868
6	GH/TZ	-6.705	-6.892	-7.643	-7.205	-8.157	-7.603	-9.564	-8.747
7	eS(TABLE XIV)	0.778	0.772	0.751	0.763	0.736	0.752	0.699	0.720
8	Pf or Ps	5203.7	5203.7	4823.4	4823.4	4482.5	4482.5	3788.8	3788.8
9	Pf2 or Ps2	27078.5	27078.5	23265.2	23265.2	20092.8	20092.8	14355.0	14355.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	34819.0	35064.5	30986.8	30482.1	27283.0	26722.1	20547.6	19927.3
11	Pc or Pw	5901	5922	5567	5521	5223	5169	4533	4464
12	P=(Pw+Ps/2)or(Pc+Pf/2)	5552	5563	5195	5172	4853	4826	4161	4126
13	Pr=(P/Pcr)	15.86	15.89	14.84	14.78	13.87	13.79	11.89	11.79
14	Tr(T/Tcr)	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
15	Z (TABLE XI)	-1.841	-1.843	-1.761	-1.755	-1.668	-1.661	-1.450	-1.439

PW 1 : 5921.5 PW 2 : 5521.1 PW 3 : 5169.3 PW 4 : 4464.0