

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: HAROON TRUWELL NO. : 1

DATE: 01-21-95

UNIT

SECTION :

TWNSHP :

RANGE :

L

11719

H : 11719

L/H : 1

G/GMIX : 0.5810

CO2 : 0.59

N2 : 0.62

H2S :

GH : 6808.7

PCR : 672

TCR : 350

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)	651.2	651.2	651.2	651.2	651.2	651.2	651.2	651.2
3	T=(Tw+Ts/2)	592.6	592.6	592.6	592.6	592.6	592.6	592.6	592.6
4	Z (EST.)	1.043	0.937	0.875	0.857	0.845	0.840	0.840	0.843
5	TZ	618	555	518	508	501	498	498	499
6	GH/TZ	11.020	12.265	13.138	13.405	13.594	13.676	13.682	13.631
7	eS(TABLE XIV)	1.512	1.584	1.637	1.653	1.665	1.670	1.670	1.667
8	Pf or Ps	5101.91	5101.91	3606.32	3606.32	2825.9	2825.9	2245.7	2245.7
9	Pf2 or Ps2	26029.5	26029.5	13005.5	13005.5	7985.7	7985.7	5043.2	5043.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	17218.5	16433.0	7946.4	7867.1	4796.4	4781.8	3019.0	3024.9
11	Pc or Pw	4150	4054	2819	2805	2190	2187	1738	1739
12	P=(Pw+Ps/2) or (Pc+Pf/2)	4626	4578	3213	3206	2508	2506	1992	1992
13	Pr=(P/Pcr)	6.88	6.81	4.78	4.77	3.73	3.73	2.96	2.96
14	Tr(T/Tcr)	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69
15	Z (TABLE XI)	0.937	0.933	0.857	0.857	0.840	0.840	0.843	0.843

PW 1 : 4053.8 PW 2 : 2804.8 PW 3 : 2186.7 PW 4 : 1739.2