WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw) FORM C-122F
FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

COMPANY SANTA FE ENERGY LEASE :ROARING SPWELL NO. :13 #4 DATE 3/24/97
UNIT SECTION : TWNSHP : RANGE :
L 9214 H : 9214 L/H : 1 G/GMIX : 0.5860
CO2 : 0.8 N2 : 0.16 H2S :
GH : 5399.4 PCR : 675 TCR : 346

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)	626.1	626.1	626.1	626.1	626.1	626.1	626.1	626.1
3	T=(Tw+Ts/2)	580.1	580.1	580.1	580.1	580.1	580.1	580.1	580.1
4	Z (EST.)	0.895	0.834	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	519	484	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	10.400	11.163	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.477	1.520	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	2481.1	2481.1	0	0	0	0	0	0
9	Pf2 or Ps2	6155.9	6155.9	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	4167.9	4050.2	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	2042	2013	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2261	2247	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr=(P/Pcr)	3.35	3.33	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr(T/Tcr)	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68
15	Z (TABLE XI)	0.834	0.834	ERR	ERR	ERR	ERR	ERR	ERR

PC ~~PW~~ 1 : 2012.5 PW 2 : ERR PW 3 : ERR PW 4 : ERR