

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. : 1 DATE 10/28/96
UNIT I SECTION : 29 TWSHP : 22 RANGE : 34
L ** 13156.5 H : 13156.5 L/H : 1 G/GMIX : 0.5670
CO2 : 0.48 N2 : 0.43 H2S :
GH : 7722.9 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)	665.6	665.6	665.6	665.6	665.6	665.6	665.6	665.6
3	T=(Tw+Ts/2)	599.8	599.8	599.8	599.8	599.8	599.8	599.8	599.8
4	Z (EST.)	1.335	1.195	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	801	711	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	9.642	10.866	ERR	ERR	ERR	ERR	ERR	ERR
7	e3(TABLE XIV)	1.436	1.503	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	8407.8	8407.8	0	0	0	0	0	0
9	Pf2 or Ps2	70691.1	70691.1	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	49241.3	47032.5	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	7017	6856	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2)or(Pc+Pf/2)	7713	7633	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr=(P/PCR)	11.43	11.31	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr=(T/TCR)	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
15	Z (TABLE XI)	1.165	1.176	ERR	ERR	ERR	ERR	ERR	ERR

PC

~~PW~~ 1 : 6858.0 PW 2 : ERR PW 3 : ERR PW 4 : ERR