

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 :PONTIAC "7WELL NO. : 1 DATE 11/17/97
UNIT SECTION : 28 TWSHP : 19 RANGE : 29
L 9374 H : 9374 L/H : 1 G/GMIX : 0.5890
CO2 : 0.81 N2 : 0.27 H2S :
GH : 5521.3 PCR : 675 TCR : 351

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)	627.7	627.7	627.7	627.7	627.7	627.7	627.7	627.7
3	T=(Tw+Ts/2)	580.9	580.9	580.9	580.9	580.9	580.9	580.9	580.9
4	Z (EST.)	0.903	0.832	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	524	483	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	10.528	11.422	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.484	1.535	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	3152.51	3152.51	0	0	0	0	0	0
9	Pf2 or Ps2	9938.3	9938.3	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	6696.6	6475.8	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	2588	2545	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2870	2849	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr=(P/Pcr)	4.25	4.22	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr(T/Tcr)	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
15	Z (TABLE XI)	0.832	0.832	ERR	ERR	ERR	ERR	ERR	ERR

PC PW 1 : 2544.8 PW 2 : ERR PW 3 : ERR PW 4 : ERR