

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

FORM C-122F

COMPANY PENWELL ENERGY LEASE : F.H. STATEWELL NO. : 1 DATE 3/17/97
UNIT C SECTION : 28 TWSHP : 23 RANGE : 26
L 10040 H : 10040 L/H : 1 G/GMIX : 0.6430
CO2 : 0.4 N2 : 0.61 H2S :
GH : 6455.7 PCR : 673 TCR : 368

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)	634.4	634.4	634.4	634.4	634.4	634.4	634.4	634.4
3	T=(Tw+Ts/2)	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2
4	Z (EST.)	0.858	0.805	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	501	470	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	12.887	13.735	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.621	1.674	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	2143.9	2143.9	0	0	0	0	0	0
9	Pf2 or Ps2	4596.3	4596.3	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	2834.9	2746.2	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	1684	1657	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2)or(Pc+Pf/2)	1914	1901	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr=(P/Pcr)	2.84	2.82	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr(T/Tcr)	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
15	Z (TABLE XI)	0.805	0.805	ERR	ERR	ERR	ERR	ERR	ERR

Pc ~~Pw~~ 1 : 1657.2 PW 2 : ERR PW 3 : ERR PW 4 : ERR