

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

FORM C-122F

COMPANY PHILLIPS PETRO. CO. LEASE : G D U WELL NO. : 14 DATE 12 11 97
UNIT SECTION : TWNSHP : RANGE :
L 10966 H : 10966 L/H : 1 G/GMIX : 0.6990
CO2 : 2.63 N2 : 0.7 H2S :
GH : 7665.2 PCR : 674 TCR : 418

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)	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
3	T=(Tw+Ts/2)	588.8	588.8	588.8	588.8	588.8	588.8	588.8	588.8
4	Z (EST.)	0.883	0.775	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	520	456	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	14.743	16.796	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.738	1.877	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	4138.2	4138.2	0	0	0	0	0	0
9	Pf2 or Ps2	17124.7	17124.7	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	9851.9	9122.0	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	3139	3020	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3638	3579	ERR	ERR	ERR	ERR	ERR	ERR
13	Pr=(P/Pcr)	5.40	5.31	ERR	ERR	ERR	ERR	ERR	ERR
14	Tr(T/Tcr)	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41
15	Z (TABLE XI)	0.775	0.770	ERR	ERR	ERR	ERR	ERR	ERR

Pc ~~Pw~~ 1 : 3020.3 PW 2 : ERR PW 3 : ERR PW 4 : ERR