

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

FORM C-122F

COMPANY AMOCO PROD. CO. LEASE : TEL.18 WELL NO. : 1 DATE JAN. 28, 1993
 UNIT SECTION : 18 TOWNSHIP :23S RANGE :29E
 L 12823 H : 12823 L/H : 1 G/GMIX : 0.5840
 CO2 : 1.13 N2 : 0.18 H2S :
 GH : 7488.6 PCR : 676 TCR : 349

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)	662.2	662.2	662.2	662.2	662.2	662.2	662.2	662.2
3	T=(Tw+Ts/2)	598.1	598.1	598.1	598.1	598.1	598.1	598.1	598.1
4	Z (EST.)	0.997	0.901	0.902	0.877	0.858	0.849	0.851	0.857
5	TZ	597	539	539	525	513	508	509	513
6	GH/TZ	12.554	13.904	13.888	14.268	14.588	14.739	14.720	14.611
7	eS(TABLE XIV)	1.601	1.684	1.683	1.708	1.728	1.738	1.737	1.730
8	Pf or Ps	4471.2	4471.2	4020.2	4020.2	3068.2	3068.2	1953.2	1953.2
9	Pf2 or Ps2	19991.6	19991.6	16162.0	16162.0	9413.9	9413.9	3815.0	3815.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	12485.0	11868.9	9600.9	9465.0	5447.4	5416.6	2196.7	2205.7
11	Pc or Pw	3533	3445	3099	3077	2334	2327	1482	1485
12	P=(Pw+Ps/2)or(Pc+Pf/2)	4002	3958	3559	3548	2701	2698	1718	1719
13	Pr=(P/PCR)	5.92	5.86	5.27	5.25	4.00	3.99	2.54	2.54
14	Tr(T/TCR)	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
15	Z (TABLE XI)	0.901	0.898	0.877	0.877	0.849	0.849	0.857	0.857

PW 1 : 3445.1 PW 2 : 3076.5 PW 3 : 2327.4 PW 4 : 1485.2