

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (~~P_w~~ or P_w)
FROM KNOWN BOTTOM HOLE PRESSURE (~~P_s~~ or P_s)

FORM C-122F

COMPANY PHILLIPS PETROLEUM LEASE : MUSK. 17 WELL NO. : 1 DATE 2 14 92
UNIT SECTION : TOWNSHIP : RANGE :
L 10445 H : 10445 L/H : 1 G/GMIX : 0.6700
CO2 : 2.34 N2 : 0.62 H2S :
GH : 6998.2 PCR : 677 TCR : 379

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)	638.5	638.5	638.5	638.5	638.5	638.5	638.5	638.5
3	T=(Tw+Ts/2)	586.2	586.2	586.2	586.2	586.2	586.2	586.2	586.2
4	Z (EST.)	0.874	0.794	0.805	0.787	0.789	0.779	0.779	0.778
5	TZ	513	466	472	461	462	457	457	456
6	GH/TZ	13.654	15.027	14.838	15.165	15.132	15.316	15.315	15.337
7	eS(TABLE XIV)	1.669	1.757	1.744	1.766	1.764	1.776	1.776	1.777
8	Pf or Ps	3460.2	3460.2	3280.2	3280.2	2931.2	2931.2	2572.2	2572.2
9	Pf2 or Ps2	11973.0	11973.0	10759.7	10759.7	8591.9	8591.9	6616.2	6616.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	7175.2	6815.2	6168.2	6092.8	4871.4	4837.9	3725.5	3722.5
11	Pc or Pw	2679	2611	2484	2468	2207	2200	1930	1929
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3069	3035	2882	2874	2569	2565	2251	2251
13	Pr=(P/Pcr)	4.53	4.48	4.26	4.25	3.79	3.79	3.33	3.32
14	Tr(T/Tcr)	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
15	Z (TABLE XI)	0.794	0.793	0.787	0.787	0.779	0.779	0.778	0.778

PW 1 : 2610.5 PW 2 : 2468.4 PW 3 : 2199.5 PW 4 : 1929.4