

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

FORM C-122F

COMPANY OXY USA LEASE :MSRL A WELL NO. : 1 DATE 12 21 91
UNIT SECTION : 19 TOWNSHIP : 22 RANGE : 27
L 10232 H : 10232 L/H : 1 G/GMIX : 0.6540
CO2 : 1.05 N2 : 2.38 H2S :
GH : 6691.7 PCR : 671 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)	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
3	T=(Tw+Ts/2)	585.2	585.2	585.2	585.2	585.2	585.2	585.2	585.2
4	Z (EST.)	0.909	0.825	0.837	0.816	0.826	0.809	0.816	0.804
5	TZ	532	483	489	478	483	474	478	470
6	GH/TZ	12.585	13.866	13.671	14.008	13.845	14.127	14.007	14.225
7	eS(TABLE XIV)	1.603	1.682	1.670	1.691	1.681	1.699	1.691	1.705
8	Pf or Ps	3696.2	3696.2	3527.2	3527.2	3333.2	3333.2	3130.2	3130.2
9	Pf2 or Ps2	13661.9	13661.9	12441.1	12441.1	11110.2	11110.2	9798.2	9798.2
10	Pc2=Pf/eS or Pw2=Ps2/eS	8522.3	8122.4	7451.1	7357.4	6610.7	6541.1	5794.7	5747.5
11	Pc or Pw	2919	2850	2730	2712	2571	2558	2407	2397
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3308	3273	3128	3120	2952	2945	2769	2764
13	Pr=(P/Pcr)	4.93	4.88	4.66	4.65	4.40	4.39	4.13	4.12
14	Tr(T/Tcr)	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
15	Z (TABLE XI)	0.825	0.823	0.816	0.816	0.809	0.809	0.804	0.804

PW 1 : 2850.0 PW 2 : 2712.5 PW 3 : 2557.6 PW 4 : 2397.4