

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 : L BOX CAN WELL NO. : 2 DATE 1 11 91

UNIT

SECTION : 12 TOWNSHIP : 21 S RANGE : 21 E

L

5929

H : 5929 L/H : 1 G/GMIX : 0.6490

CO2 : 0.51 N2 : 1.7 H2S : 0

GH : 3847.9 PCR : 667 TCR : 366

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)	593.3	593.3	593.3	593.3	593.3	593.3	593.3	593.3
3	$T = (T_w + T_s / 2)$	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6
4	Z (EST.)	0.873	0.822	0.821	0.829	0.832	0.841	0.857	0.864
5	TZ	492	463	463	468	469	474	483	487
6	GH/TZ	7.817	8.307	8.318	8.231	8.202	8.120	7.970	7.902
7	eS(TABLE XIV)	1.341	1.365	1.366	1.362	1.360	1.356	1.348	1.345
8	P_f or P_s	1382	1382	1300	1300	1176	1176	945	945
9	P_{f2} or P_{s2}	1909.9	1909.9	1690.0	1690.0	1383.0	1383.0	893.0	893.0
10	$P_{c2} = P_f / eS$ or $P_{w2} = P_{s2} / eS$	1424.7	1398.7	1237.2	1241.2	1016.8	1020.0	662.3	664.0
11	P_c or P_w	1194	1183	1112	1114	1008	1010	814	815
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	1288	1282	1206	1207	1092	1093	879	880
13	$Pr = (P / P_{cr})$	1.93	1.92	1.81	1.81	1.64	1.64	1.32	1.32
14	$Tr(T / T_{cr})$	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54
15	Z (TABLE XI)	0.822	0.822	0.829	0.829	0.841	0.841	0.864	0.864

PW 1 : 1182.7 PW 2 : 1114.1 PW 3 : 1009.9 PW 4 : 814.9