

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

FORM C-122F

COMPANY OXY
UNIT L
LEASE : LION
SECTION : 11021
H : 11021
CO2 : 0.66
GH : 5943.2
WELL NO. : 1
TWNHP :
L/H : 1
N2 : 0.313
PCR : 673
DATE 1/7/00
RANGE :
G/GMIX : 0.6300
H2S :
TCR : 364

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)	644.2	644.2	644.2	644.2	644.2	644.2	644.2	644.2

3	$T = (T_w + T_s / 2)$	589.1	589.1	589.1	589.1	589.1	589.1	589.1	589.1
4	Z (EST.)	0.886	0.815	0.824	0.814	0.822	0.813	0.817	0.811
5	TZ	522	480	485	479	484	479	481	478
6	GH/TZ	13.306	14.461	14.310	14.484	14.333	14.494	14.424	14.528
7	eS(TABLE XIV)	1.647	1.720	1.710	1.721	1.712	1.722	1.718	1.724
8	Pf or Ps	3081.3	3081.3	3036.1	3036.1	2999	2999	2828.5	2828.5
9	Pf2 or Ps2	9494.4	9494.4	9217.9	9217.9	8994.0	8994.0	8000.4	8000.4
10	$Pc2 = Pf/eS$ or $Pw2 = Ps2/eS$	5764.5	5520.1	5389.8	5354.9	5254.4	5222.8	4658.0	4639.9
11	Pc or Pw	2401	2349	2322	2314	2292	2285	2158	2154
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	2741	2715	2679	2675	2646	2642	2493	2491
13	Pr = (P/Pcr)	4.07	4.03	3.98	3.97	3.93	3.93	3.70	3.70
14	Tr (T/Tcr)	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
15	Z (TABLE XI)	0.815	0.814	0.814	0.814	0.813	0.813	0.811	0.811

PW 1 : 2349.5 PW 2 : 2314.1 PW 3 : 2285.3 PW 4 : 2154.0