

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

FORM C-122F

COMPANY NADEL & GUSSMAN LEASE : VALERO WELL NO. : 1 DATE 11/25/01
 UNIT SECTION : TWNSHP : RANGE :
 L 10874 H : 10874 L/H : 1 G/GMIX : 0.6290
 CO2 : 0.72 N2 : 0.42 H2S :
 GH : 6839.7 PCR : 674 TCR : 361

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)	642.7	642.7	642.7	642.7	642.7	642.7	642.7	642.7
3	$T = (T_w + T_s) / 2$	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4
4	Z (EST.)	0.880	0.816	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	518	480	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	13.210	14.251	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.641	1.706	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	2758.9	2758.9	0	0	0	0	0	0
9	Pf2 or Ps2	7611.5	7611.5	0.0	0.0	0.0	0.0	0.0	0.0
10	$P_c2 = P_f / eS$ or $P_w2 = P_s2 / eS$	4638.1	4460.5	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	2154	2112	ERR	ERR	ERR	ERR	ERR	ERR
12	$P = (P_w + P_s / 2)$ or $(P_c + P_f / 2)$	2456	2435	ERR	ERR	ERR	ERR	ERR	ERR
13	$P_r = (P / P_{cr})$	3.64	3.61	ERR	ERR	ERR	ERR	ERR	ERR
14	$T_r = (T / T_{cr})$	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
15	Z (TABLE XI)	0.816	0.816	ERR	ERR	ERR	ERR	ERR	ERR

Pc PW 1 : 2112.0 PW 2 : ERR PW 3 : ERR PW 4 :