

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

Form C-122F
Adopted 9-1-65

COMPANY MAINOCO OIL & GAS LEASE WHITE RANCH WELL NO. # 2 DATE 12-13-79

LOCATION: Unit M Section 34 Township 11 Range 29
L 8355 H 8355 L/H 1.000 G .709 % CO₂ .742 % N₂ 1.761 % H₂S _____

GH 5924 P_{cr} 668 T_{cr} 395
TABLE IX & X TABLE IX & X

S.I.P

LINE		1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	534	534						
2	T_s (B.H. °R)	618	618						
3	$T = \frac{(T_w + T_s)}{2}$	576	576						
4	Z (Est.)	.768	.752						
5	TZ	442.4	433.2						
6	GH/TZ	13.392	13.676						
7	e^s (Table XIV)	1.652	1.670						
8	P_f or P_s	3010.2	3010.2						
9	P_f^2 or P_s^2	9061.3	9061.3						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	5484.0	5425.7						
11	P_c or P_w	2341.8	2329.3						
12	$P = \frac{(P_w + P_s)}{2}$ or $\frac{(P_c + P_f)}{2}$	2676.0	2669.8						
13	$P_r = (P/P_{cr})$	4.01	4.00						
14	$T_r = (T/T_{cr})$	1.46	1.46						
15	Z (Table XI)	.752	.752						