

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

Form C-122F
Adopted 9-1-65

COMPANY BASS-FRANK ENTERPRISES CASE HAT MESA WELL NO. # 1 DATE 02-11-80

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13,775 H 13,775 I/H 1.00 G .650 % CO₂ .494 % N₂ .814 % H₂S _____

GH 8954 P_{cr} 670 T_{cr} 375
TABLE IX & X TABLE IX & X

LINE	1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	534	534					
2	T_s (B.H. °R)	672	672					
3	$T = (\frac{T_w + T_s}{2})$	603	603					
4	Z (Est.)	.829	.816					
5	TZ	499.9	492.0					
6	GH/TZ	17.912	18.197					
7	e^S (Table XIV)	1.958	1.979					
8	P_f or	3005.2	3005.2					
9	P_f^2 or	9031.2	9031.2					
10	$P_c^2 = P_f^2 / e^S$ or $P_w^2 = P_s^2 / e^S$	4613.5	4564.4					
11	P_c or	2147.9	2136.4					
12	$P_c (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	2576.6	2570.8					
13	$P_r = (P/P_{cr})$	3.85	3.84					
14	$T_r = (T/T_{cr})$	1.61	1.61					
15	Z (Table XI)	.816	.816					

RECEIVED