

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 Bass Enterprises LEASE Poker Lake WELL NO. 53 DATE 6-7-82

LOCATION: Unit _____ Section 9 Township 25S Range 31E

L 15418 H 15418 L/H 1.000 G .5862 % CO₂ 1.993 % N₂ 2.256 % H₂S _____

GH 9038 P_{cr} 672 T_{cr} 354
TABLE IX & X TABLE IX & X

LINE		1	2	3	4	5	6	7	8
1	$T_w (W.H. ^\circ R)$	534	534						
2	$T_s (B.H. ^\circ R)$	688	688						
3	$T = (\frac{T_w + T_s}{2})$	611	611						
4	Z (Est.)	.894	.869						
5	TZ	546.2	531.0						
6	GH/TZ	16.546	17.022						
7	e^S (Table XIV)	1.860	1.893						
8	P_f or P_s	3643.2	3643.2						
9	P_f^2 or P_s^2	13272.9	13272.9						
10	$P_c^2 = P_f^2 / e^S$ or $P_w^2 = P_s^2 / e^S$	7136.7	7010.4						
11	P_c or P_w	2671.5	*2647.7						
12	$P - (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3157.3	3145.5						
13	$P_f = (P / P_{cr})$	4.70	4.68						
14	$T_f = (T / T_{cr})$	1.73	1.73						
15	Z (Table XI)	.869	.869						