

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 Atlas Service LEASE Gov. Hg WELL NO. 1 DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____
11.087 H 11.087 L/H 1.00 G 1605 % CO₂ _____ % N₂ _____ % H₂S _____

GH 6708 P_{cr} 671 T_{cr} 358
TABLE IX A X TABLE IX A X

LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. °R)$	530	534						
2	$T_g(B.H. °R)$	644	644						
3	$T = (\frac{T_w + T_g}{2})$	589	589						
4	Z (Est.)	.859	.856						
5	TZ	505.9	492.0						
6	GH/TZ	13.26	13.62						
7	e^s (Table XIV)	1.64	1.67						
8	P_f or P_s	3571.2	3571.2						
9	P_f^2 or P_s^2	12533.5	12533.5						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	7757.2	7651.8						
11	P_c or P_w	3785.2	3766.2						
12	$P = (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3178.2	3168.7						
13	$P_r = (P/P_{cr})$	4.74	4.72						
14	$T_r = (T/T_{cr})$	1.15	1.15						