

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
Adapted 9-1-65

COMPANY _____ LEASE Shaw WELL NO. 10 DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 10616 H 10616 LN Lico G 696 % CO₂ 370 % N₂ 816 % H₂S _____

CH 7389 P_{cr} 669 T_{cr} 388
TABLE IX B X TABLE IX A X
Shaw, N. Co

LINE		1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	530	530						
2	T_g (B.H. °R)	640	640						
3	$T = (\frac{T_w + T_g}{2})$	587	587						
4	Z (Est.)	.984	.927						
5	TZ	577.6	544.1						
6	GH/TZ	12.79	13.58						
7	e^s (Table XIV)	1.62	1.66						
8	P_f or P_s	5396.2	5396.2						
9	P_f^2 or P_s^2	28099.7	28099.7						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	17361.6	16857.0						
11	P_c or P_w	4166.7	41105.7						
12	$P \cdot (\frac{P_w + P_s}{2}) \cdot (\frac{P_c + P_f}{2})$	4731.5	4700.9						
13	$P_f = (P/P_{cr})$	7.07	7.03						
14	$T_f = (T/T_{cr})$	1.51	1.51						