

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_s)

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Form C-122F
Adopted 9-1-65

COMPANY Dope LEASE Sundance Fed. A WELL NO. 1 DATE

LOCATION: Unit Section Township Range

L 8795 H 8795 LH 400 G 1685 % CO₂ % N₂ % H₂S

GH 6025 P_{cr} 669 T_{cr} 385
TABLE IX B X TABLE IX B X

LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534						
2	$T_s(B.H. \cdot R)$	632	632						
3	$T = (\frac{T_w + T_s}{2})$	578	578						
4	Z (Est.)	.782	1.772						
5	TZ	452.0	446.2						
6	GH/TZ	13.330	13.502						
7	e^s (Table XIV)	1.644	1.659						
8	P_f or P_s	2839.7	2839.2						
9	P_f^2 or P_s^2	8061.1	8061.1						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	4889.9	4858.4						
11	P_c or P_s	2211.3	2204.2						
12	$P_c \cdot (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	2525.3	2521.1						
13	$P_r = (P/P_{cr})$	3.77	3.77						
14	$T_r = (T/T_{cr})$	1.50	1.50						
15	Z (Table XI)	1.772	1.772						