

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

Form U-122F
Adopted 9-1-65

COMPANY OKY LEASE State "D" WELL NO. 6 DATE 2-17-80
LOCATION: Unit F Section 32 Township 21S Range 36E
L 3577 H 3577 L/H 1.000 G 0.701 % CO₂ 0.16 % N₂ 3.07 % H₂S 4

GH 2507 P_{gr} 661 T_{gr} 383
shut in TABLE IX & X TABLE IX & X

LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	532	532						
2	$T_g(B.H. \cdot R)$	562	562						
3	$T = \frac{T_w + T_g}{2}$	547	547						
4	Z (Est.)	.919	.722						
5	TZ	502.693	504.334						
6	GH/TZ	4.9871	4.7707						
7	e^S (Table XIV)	1.206	1.205						
8	P_f or P_s	448.2	448.2						
9	P_f^2 or P_s^2	200.883	200.883						
10	$P_c^2 - P_f^2/e^S$ or $P_w^2 - P_s^2/e^S$	166.570	166.708						
11	P_c or P_w	408.1	408.3						
12	$P \cdot \left(\frac{P_w + P_s}{2} \right)$ or $\left(\frac{P_c + P_f}{2} \right)$	428.2	428.2						
13	$P_f = (P/P_{gr})$	0.65	0.45						
14	$T_f = (T/T_{gr})$	1.43	1.43						
15	Z (Table XI)	.922	.722						