

Estimated PNH
 110.000 TO 100.000
 (12)

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_g)
 FROM KNOWN BOTTOM HOLE PRESSURE (P_1 or P_g)

Form C-122F
 Adopted 9-1-65

COMPANY XO LEASE BURTON WELL NO. 1 DATE 6-12-80
 LOCATION: Unit N Section 11 Township 22S Range 29E
 L. 11466 H. 11466 L/H 1.000 G. 0.728 % CO₂ 1.46 % N₂ 1.15 % H₂S —
 GH 8347.2 P_{cr} 667 T_{cr} 395
TABLE IX B X

LINE		1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534						
2	$T_g(B.H. \cdot R)$	649	649						
3	$T = \frac{(T_w + T_g)}{2}$	591.5	591.5						
4	Z (Est.)	1.858	1.815						
5	TZ	507.5	482.0						
6	GH/TZ	16.447	17.315						
7	e^s (Table XIV)	1.852	1.914						
8	P_1 or P_s	5942.2	5942.2						
9	P_1^2 or P_s^2	15540.9	15540.9						
10	$P_c^2 = P_1^2/e^s$ or $P_w^2 = P_s^2/e^s$	8287.0	8118.5						
11	P_c or P_w	91.0	90.1						
12	$P_1 \cdot \frac{(P_w + P_s)}{2}$ or $(\frac{P_c + P_f}{2})$	3497.1							
13	$P_1 = (P/P_{cr})$	5.12	1.09						
14	$T_1 = (T/T_{cr})$	1.50	1.50						
15	Z (Table XI)	1.815	1.814						

90.1 = P_c