

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

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_g)

COMPANY SAKE L. HAMON LEASE Feed 33 WELL NO. 1 DATE 9/28/83
LOCATION: Unit I Section 33 Township 20 Range 6E
L 9341 H 9341 L/H 1.00 G 16.31 % CO₂ 3.493 % N₂ 1.780 % H₂S _____

GH 5894 P_{CT} 679 T_{CT} 357

Shirley

LINE	1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	534	534					
2	T_s (B.H. °R)	627	627					
3	$T = \frac{T_w + T_s}{2}$	581	581					
4	Z (Est.)	850	1832					
5	TZ	493.4	482.9					
6	GH/TZ	11.95	12.20					
7	e^S (Table XIV)	1.56	1.58					
8	P_f or P_g	3465.2	3465.2					
9	P_f^2 or P_g^2	12,007.6	12,007.6					
10	$P_c^2 = P_f^2/e^S$ or $P_w^2 = P_s^2/e^S$	2672.2	7578.2					
11	P_c or P_w	2769.9	2756.5					
12	$P_s = \left(\frac{P_w + P_s}{2} \right)$ or $\left(\frac{P_c + P_f}{2} \right)$	3117.5	3110.8					
13	$P_T = (P/P_{CT})$	4.59	4.58					
14	$T_T = (T/T_{CT})$	1.63	1.63					
15	Z (Table XI)	1.832	1.831					