

ILLEGIBLE

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_{wf})
FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_{wf})

Form C-122F
Adopted 9-1-55

COMPANY C. H. Jones LEASE Gor. AD WELL NO. 3 DATE 10-3-84
LOCATION: Unit H Section 21 Township 21S Range 27E
L 11.440 H 11.440 L/H 1.000 G 1.582 % CO₂ 1.0053 % N₂ 1.325 % H₂S _____
GH 6687 P_{CT} 670 T_{CT} 344
Shut-in

LINE		1	2	3	4	5	6	7	8
1	$T_w(^{\circ}\text{F. or } ^{\circ}\text{R})$	534	544						
2	$T_s(\text{B.H. } ^{\circ}\text{R})$	648	648						
3	$T = (\frac{T_w + T_s}{2})$	591	541						
4	Z (Est.)	1.883	1.867						
5	TZ	521.1	512.4						
6	GH/TZ	12.11	13.65						
7	e^S (Table XIV)	1.62	1.63						
8	P_f or P_s	3471.2	3471.2						
9	P_f^2 or P_s^2	12049.2	12049.2						
10	$P_c^2 = P_f^2/es$ or $P_w^2 = P_s^2/es$	7451.9	7386.2						
11	P_c or P_w	8635.8	2712.8						
12	$P_c \cdot (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3100.5	3094.5						
13	$P_r = (P/P_{cr})$	4.59	4.58						
14	$T_r = (T/T_{cr})$	1.69	1.69						
15	Z (Table XI)	21.7	21.1						