

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_s)

COMPANY CONOCO, INC. LEASE BRITT B WELL NO. 27 DATE 4-9-81

LOCATION: Unit 5 Section 15 Township 205 Range 37E

L 7051' H 7051' L/H 1.000 G .643 % CO₂ .40 % N₂ 2.57 % H₂S .0004

GH 4,534 P_{CT} 665 T_{CT} 364

TABLE IX & X

4TH RATE

LINE	1	2	3	4	5	6	7	8
1	T_w (W.H. °R)	534	534					
2	T_s (B.H. °R)	605	605					
3	$T = \frac{T_w + T_s}{2}$	570	570					
4	Z (Est.)	.812	.819					
5	TZ	463	467					
6	GH/TZ	9.793	9.709					
7	e^S (Table XIV)	1.444	1.439					
8	P_f or P_s	1962.2	1962.2					
9	P_f^2 or P_s^2	3850.2	3850.2					
10	$P_c^2 = P_f^2 / e^S$ or $P_w^2 = P_s^2 / e^S$	2666.3	2675.6					
11	P_c or P_w	1632.9	1635.7					
12	$P = \frac{P_w + P_s}{2}$ or $\frac{P_c + P_f}{2}$	1747.6	1799.0					
13	$P_T = (P/P_{CT})$	2.70	2.71					
14	$T_T = (T/T_{CT})$	1.57	1.57					
15	Z (Table XI)	.819	.819					