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

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

Form C-122F
Adopted 9-1-65

COMPANY Belco LEASE Guitar Est con WELL NO. 1 DATE 5-23-80

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12,283 H 12,283 L/H 1.00 G .603 % CO_2 1.25 % N_2 1.23 % H_2S _____

GH 7407 P_{cr} 674 (TABLE IX & X) T_{cr} 354 (TABLE IX & X)

Sl. f. in

LINE		1	2	3	4	5	6	7	8
1	T_w(W.H. °R)	530	530						
2	T_s(B.H. °R)	657	657						
3	$T=(\frac{T_w + T_s}{2})$	596	596						
4	Z (Est.)	.993	.953						
5	TZ	591.3	567.5						
6	GH/TZ	12.526	13.052						
7	e^s(Table XIV)	1.600	1.631						
8	P_f or P_s	5085.2	5085.2						
9	P_f^2 or P_s^2	25859.3	25859.3						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	16166.6	15850.9						
11	P_c or P_w	4020.8	3981.3			Used for Comb. C.	3989.2		
12	$P=(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	4555.9	4533.3						
13	$P_r = (P/P_{cr})$	6.76	6.73						
14	$T_r = (T/T_{cr})$	1.68	1.68						
15	Z (Table XI)	.953	.951						