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 Pet. Corp LEASE James Ranch Unit WELL NO. 10 DATE 4/28/80

LOCATION: Unit _____ Section 1 Township 23 Range 30

L 12841 H 12841 L/H 1.000 G .605 % CO_2 _____ % N_2 _____ % H_2S _____

GH 7769 P_{cr} 671 (TABLE IX & X) T_{cr} 362 (TABLE IX & X)

LINE		1	2	3	4	5	6	7	8
1	T_w(W.H. °R)	534	534						
2	T_s(B.H. °R)	662	662						
3	$T=(\frac{T_w + T_s}{2})$	598	598						
4	Z (Est.)	.860	.843						
5	TZ	514.3	504.1						
6	GH/TZ	15.107	15.411						
7	e^s(Table XIV)	1.762	1.782						
8	P_f or P_s	3321.2	3321.2						
9	P_f^2 or P_s^2	11030.4	11030.4						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	6260.2	6189.9						
11	P_c or P_w	2502.0	2488.0						
12	$P=(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	2911.6	2904.6						
13	$P_r = (P/P_{cr})$	4.34	4.33						
14	$T_r = (T/T_{cr})$	1.65	1.65						
15	Z (Table XI)	.843	.843						