

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_g or P_w)
FROM KNOWN BOTTOM HOLE PRESSURE (P_g or P_s)

Form C-122F
Adopted 9-1-65

COMPANY BASS ENTERPRISES LEASE BIG EDDY WELL NO. 79 Y DATE 9-16-80

LOCATION: Unit _____ Section 21 Township 21s Range 28e

L. 11849 H 11849 L/H 1.000 G .5961 % CO₂ 1.820 % N₂ .307 % H₂S _____

GH 7063 P_{cr} 671 T_{cr} 358
TABLE IX & X TABLE IX & X

J.NE	1st			2nd		3rd		4th	
	1	2	3	4	5	6	7	8	
1 $T_w(W.H. \cdot R)$	534	534	534	534	534	534	534	534	
2 $T_g(B.H. \cdot R)$	652	652	652	652	652	652	652	652	
3 $T_z(\frac{T_w + T_g}{2})$	593	593	593	593	593	593	593	593	
4 Z (Est.)	.920	.889	.902	.875	.871	.851	.844	.839	
5 T Z	545.6	527.2	534.9	518.9	516.5	504.6	500.5	497.5	
6 GH/T Z	12.946	13.398	13.205	13.612	13.675	13.996	14.112	14.196	
7 e^s (Table XIV)	1.625	1.653	1.641	1.666	1.670	1.690	1.698	1.703	
8 P_f or P_s	4209.2	4209.2	3963.2	3963.2	3447.2	3447.2	2877.2	2877.2	
9 P_f^2 or P_s^2	17717.4	17717.4	15707.0	15707.0	11883.2	11883.2	8278.3	8278.3	
10 $P_{g2} = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	10903.4	10720.1	9572.7	9427.7	7115.8	7030.6	4876.5	4861.2	
11 P_c or P_w	3302.0	3274.2	3094.0	3070.5	2667.5	2651.5	2208.3	2204.8	
12 $P_c(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3755.6	3741.7	3528.6	3516.8	3057.4	3049.4	2542.7	2544.0	
13 $P_r = (P/P_{cr})$	5.60	5.58	5.26	5.24	4.56	4.55	3.79	3.79	
14 $T_r = (T/T_{cr})$	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	
15 Z (Table XI)	.889	.889	.875	.875	.851	.851	.839	.839	