

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

Form C-122F
Adopted 9-1-65

COMPANY BASS ENTERPRISES LEASE PAIMILLO STATE # 1 WELL NO. 1 DATE 06-02-80

LOCATION: Unit G Section 1 Township 19s Range 28e

L 10790 H 10790 L/H 1.000 G .6422 %CO₂ 1.298 %N₂ .426 %H₂S

GH 6929 P_{cr} 670 T_{cr} 372
TABLE IX & X TABLE IX & X

5th

SIP

LINE	1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	534	534		534	534		
2	$T_s(B.H. \cdot R)$	642	642		642	642		
3	$T = (\frac{T_w + T_s}{2})$	588	588		588	588		
4	Z (Est.)	.886	.853		.920	.876		
5	TZ	521.0	501.6		541.0	516.3		
6	GH/TZ	13.300	13.815		12.809	13.421		
7	e^s (Table XIV)	1.647	1.679		1.617	1.654		
8	P_f or P_s	4025.2	4025.2		4387.2	4387.2		
9	P_f^2 or P_s^2	16202.2	16202.2		19247.5	19247.5		
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	9839.4	9651.2		11906.0	11635.9		
11	P_c or P_w	3136.8	3106.6		3450.5	3411.1		
12	$P = (\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	3581.0	3565.9		3918.9	3899.1		
13	$P_r = (P/P_{cr})$	5.35	5.32		5.85	5.82		
14	$T_r = (T/T_{cr})$	1.58	1.58		1.58	1.58		
15	Z (Table XI)	.853	.852		.878	.876		