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 BASS ENTERPRISES LEASE BASS 32 STATE WELL NO. 1 DATE 9-13-82

LOCATION: Unit C Section 32 Township 19S Range 34

L 13,426 H 13,426 L/H 13,426 G .677 % CO_2 _____ % N_2 _____ % H_2S _____

GH 9089 P_{cr} 669 (TABLE IX & X) T_{cr} 382 (TABLE IX & X)

SHUT-IN

LINE		1	2	3	4	5	6	7	8
1	T_w(W.H. °R)	534	534						
2	T_s(B.H. °R)	668	668						
3	$T=(\frac{T_w + T_s}{2})$	601	601						
4	Z (Est.)	.940	.893						
5	TZ	564.9	536.7						
6	GH/TZ	16.09	16.93						
7	e^s(Table XIV)	1.828	1.887						
8	P_f or [redacted]	4632.2	4632.2						
9	P_f^2 or [redacted]	21457.3	21457.3						
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	11737.0	11370.2						
11	P_c or [redacted]	3425.9	3372.0						
12	$P=(\frac{P_w + P_s}{2})$ or $(\frac{P_c + P_f}{2})$	4029.1	4002.1						
13	$P_r = (P/P_{cr})$	6.02	5.98						
14	$T_r = (T/T_{cr})$	1.57	1.57						
15	Z (Table XI)	.802	.807						