

WELL SHEET FOR CALCULATION OF WELL HEAD PRESSURES ~~XXX~~ or ~~XXX~~
 FROM KNOWN BOTTOM HOLE PRESSURE ~~XXX~~ or ~~XXX~~

FORM NO. 1-60
 Adopted 5-1-60

COMPANY Perry R. Bass LEASE JAMES RANCH UNIT WELL NO. 13 DATE 9-13-82

LOCATION: Unit E Section 6 Township 23 S Range 31 E
 L 13380 H 13380 L/H 1.000 G .6218 % CO₂ .456 % N₂ 1.229 % H₂S

GH 8320 P_{cr} 671 T_{cr} 365
TABLE 1 & 2 TABLE 1 & 2

5th RATE

LINE		1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534						
2	T _g (B.H. °R)	668	668						
3	T = ($\frac{T_w + T_g}{2}$)	601	601						
4	Z (Est.)	.837	.843						
5	TZ	503.0	506.6						
6	GH/TZ	16.540	16.422						
7	e ^s (Table XIV)	1.859	1.851						
8	P _f or P _s	2378.2	2378.2						
9	P _f ² or P _s ²	5655.8	5655.8						
10	P _c ² = P _f ² /es or P _w ² = P _s ² /es	3041.8	3055.3						
11	P _c or P _w	1744.1	1747.9						
12	P = ($\frac{P_w + P_s}{2}$) or ($\frac{P_c + P_f}{2}$)	2061.1	2063.1						
13	P _r = (P/P _{cr})	3.07	3.08						
14	T _r = (T/T _{cr})	1.65	1.65						
15	Z (Table XI)	.843	.842						