

WORLD SHEET FOR CALCULATION OF WELLHEAD PRESSURE OF OIL
FROM KNOWN BOTTOM HOLE PRESSURE (If or XX)

Rev. 1-1-77
Adapted from 1-1-77

COMPANY Perry R. Bass

LEASE

JAMES RANCH Unit WELL NO. 13

DATE

9-13-87

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

S.I.P.

LINE	1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534					
2	T _g (L.H. °R)	668	668					
3	T _g ($\frac{T_w + T_g}{2}$)	601	601					
4	Z (Est.)	.838	.837					
5	TZ	503.6	503.0					
6	GH/TC	16.520	16.540					
7	ρ _g (Table XIV)	1.858	1.859					
8	P _f or P _s	2720.2	2720.2					
9	P _f ² or P _s ²	7399.5	7399.5					
10	P _g ² = P _f ² /es or P _w ² = P _s ² /es	3982.5	3979.5					
11	P _c or P _w	1995.6	1994.9					
12	P _c ($\frac{P_w + P_s}{2}$) or ($\frac{P_c + P_f}{2}$)	2357.9	2357.5					
13	P _f = (P/P _{cr})	3.51	3.51					
14	T _f = (T/T _{cr})	1.65	1.65					
15	Z (Table XI)	.837	.837					