

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

Form C-122F
 Adopted 9-1-65

COMPANY Texaco LEASE 15 WELL NO. 2000 DATE 4-10-90

LOCATION: Unit E Section 15 Township 20N Range 29E

L H H H L/H 1.000 G .617 % CO₂ .79 % N₂ .33 % H₂S —

GH 7134.42 P_{cr} 671 T_{cr} 212
 (STATIC BUR) CORRECTED TO SURFACE

LINE	1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534					
2	T _s (B.H. °R)	650	650					
3	T = $\frac{(T_w + T_s)}{2}$	592	592					
4	Z (Est.)	.849	.861					
5	TZ	502.6	509.7					
6	GH/TZ	14.205	14.007					
7	e ^s (Table XIV)	1.703	1.690					
8	P _f or P _g	1523.2	1523.2					
9	P _f ² or P _s ²	2320.1	2320.1					
10	P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	1361.9	1372.1					
11	P _c or P _w	1167.0	1171.9					
12	P _c ($\frac{P_w + P_s}{2}$) or ($\frac{P_c + P_f}{2}$)	1245.1	1247.2					
13	P _r = (P/P _{cr})	2.00	2.00					
14	T _r = (T/T _{cr})	1.63	1.63					
15	Z (Table XI)	.861	.861					