

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_c or P_w)

Form C-122F
Adopted 9-1-65

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

COMPANY Harper O. I. Co. LEASE South Dallas WELL NO. 1 DATE 1-11-85

LOCATION: Unit F Section 2 Township 10S Range 26E
L 6621 H 6621 LH 1.00 G .598 %CO₂ .101 %N₂ 2.687 %H₂S

GH 3660 P_{CT} 663 T_{CT} 349

TABLE IX
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)	595	595						
3	$T = \frac{T_w + T_s}{2}$	564	564						
4	Z (Est.)	.835	.841						
5	TZ	471.4	474.7						
6	GH/TZ	7.76	7.71						
7	e ^S (Table XIV)	1.34	1.34						
8	P _f or P_s	1753.2	1753.2						
9	P _f ² or P_s²	3073.7	3073.7						
10	$P_c^2 = P_f^2/es$ or $P_w^2 = P_s^2/es$	2297.2	2302.0						
11	P _c or P_w	1515.7	1517.2						
12	$P = \frac{P_w + P_s}{2}$ or $(\frac{P_c + P_f}{2})$	1634.4	1635.2						
13	P _r = (P/P _{CT})	2.47	2.47						
14	T _r = (T/T _{CT})	1.62	1.62						
15	Z (Table XI)	.841	.841						