

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 CITROS SERVICE LEASE Box 8 WELL NO. 2 DATE _____

LOCATION: Unit _____ Section 3 Township 30 Range 28
L 11 233 H 11 233 LN 100 G 537 % CO₂ _____ % N₂ _____ % H₂S _____

GH 6032 P_{cr} 671 T_{cr} 358
TABLE IX & X

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LINE	1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534				534	534
2	T _s (B.H. °R)	646	646				646	646
3	T = $\frac{T_w + T_s}{2}$	590	590				590	590
4	Z (Est.)	.933	.900				.873	.849
5	TZ	550.5	531.0				515.1	500.9
6	GH/TZ	10.958	11.360				11.711	12.042
7	e ^s (Table XIV)	1.508	1.531				1.551	1.571
8	P _f or P _s	4564.2	4564.2				3779.2	3779.2
9	P _f ² or P _s ²	20831.9	20831.9				14282.3	14282.3
10	P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	13812.4	13605.8				9206.1	9090.5
11	P _c or P _w	3716.5	3688.6				3034.1	3015.4
12	P · $\left(\frac{P_w + P_s}{2}\right)$ or $\left(\frac{P_c + P_f}{2}\right)$	4140.4	4126.4				3406.7	3397.3
13	P _f = (P/P _{cr})	6.17	6.15				5.08	5.06
14	T _f = (T/T _{cr})	1.65	1.65				1.65	1.65
15	Z (Table XI)	.900	.899				.849	.848