

COMPANY Cities Service LEASE 201 S WELL NO. 2 DATE _____

LOCATION: Unit _____ Section 3 Township 20 Range 28
L 11,233 H 11,233 L/H 400 G 1,537 % CO₂ _____ % N₂ _____ % H₂S _____

GH 6032 P_{cr} 671 T_{cr} 358
TABLE IX A 1

LINE	1	2	3	4	5	6	7	8
1	T _w (W.H. °R)	534	534	534	534	534	534	534
2	T _s (B.H. °R)	646	646	646	646	646	646	646
3	T = $\frac{T_w + T_s}{2}$	590	590	590	590	590	590	590
4	Z (Est.)	.920	.881	.919	.888	.906	.876	.861
5	TZ	542.8	523.9	542.2	523.9	534.5	516.8	524.5
6	GH/TZ	11.113	11.513	11.125	11.513	11.284	11.671	11.500
7	e ^s (Table XIV)	1.517	1.540	1.518	1.546	1.522	1.549	1.539
8	P _f or P _s	4390.2	4390.2	4384.2	4384.2	4220.2	3995.2	3995.2
9	P _f ² or P _s ²	19273.9	19273.9	19221.2	19221.2	17810.1	15964.6	15964.6
10	P _c ² = P _f ² /e ^s or P _w ² = P _s ² /e ^s	12705.3	12515.9	12664.9	12981.8	11665.1	11497.2	10370.1
11	P _c or P _w	3564.5	3537.8	3558.8	3533.0	3415.4	3390.8	3220.3
12	P · $\left(\frac{P_w + P_s}{2}\right)$ or $\left(\frac{P_c + P_f}{2}\right)$	3977.3	3964.0	3971.5	3958.6	3817.8	3805.5	3607.7
13	P _f = (P/P _{cr})	5.92	5.91	5.92	5.90	5.69	5.67	5.38
14	T _f = (T/T _{cr})	1.65	1.65	1.65	1.65	1.65	1.65	1.65
15	Z (Table XI)	.888	.887	.888	.887	.876	.875	.860