

COMPANY Cities Service Co LEASE Government "A1" WELL NO. 1 DATE 11-9-81

LOCATION: Unit B Section 17 Township 20 S Range 28 E

L 10912 H 10912 L/H G 0.6167 % CO₂ .771 % N₂ .377 % H₂S

d 27/8 F_r 0.0167 1.230 M₂ d₂ (L/H) (F_rQ_m)² .00017 P_{cr} 674 T_{cr} 363

B.H. 2478 I. Surface

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5456	10912			10912	5456	0		
2	GH		0	33647	67294			67294	33647	0		
3	37.5GH		0	126177	252338			252338	126177	0		
4	P ₂ or P _n		2846.2	3256.8	3655.5			3655.4	3269.2	2845.2		
5	P _r		4.22	4.83	5.38			5.44	4.85	4.22		
6	-		534	593	652			652	593	534		
7	T _r		1.47	1.63	1.80	B.H.		1.80	1.63	1.47		
8	Z		.7636	.8492	.924	F.P. = 3665.4		.926	.8494	.7636		
9	P/Z		37273	3835.1	3923.7			3958.3	3846.5	37259	F.P. 2846.7	
10	P/TZ		6.48004	6.46737	6.01801			6.07103	6.48656	6.4774		
11	(P/TZ) ² /1000 (M ₂ /1000)		.04872	.04182	.03621			-	-	-		
12	L/H(F _r Q _m) ²		.00017	.00017	.00017			-	-	-		
13	I ₁ + I ₂		.04889	.04194	.03638			-	-	-		
14	I _n		142.77	153.94	165.39			164.72	154.16	143.31		
15	M = P _n - P _{n-1}		0	410.64	368.7				396.2			
16	N = I _n + I _{n-1}		0	296.76	330.95				318.88			
17	M x N		0	121854.7	117.767							
18	Σ (M x N)		0									