

COMPANY Natamas LEASE State Corn 23 WELL NO. 1 DATE 6-20-79

LOCATION: Unit L 12, 182 Section 23 Township 23S Range 34E

L 12, 182 H 12, 182 LH 1.02 G Mix. 684 % CO₂ % N₂ % H₂S

d 2.441 F_r 0.10763 Q_m M² cfd (L/H) (F_r Q_m)² P_{cs} 669 T_{cs} 385

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12182	6091								
2	GH		8332	4166								
3	37.5GH		312,468	156,234								
4	P _c or P _n		4510.3	3946.1	3926.6	3344.15	3304.7	3306.4	P _w = 3306.4			
5	P _r		6.74	5.854	5.87	5.00	4.94	4.94				
6	T		656	595	595	534	534	534				
7	T _r		1.70	1.55	1.55	1.39	1.39	1.39				
8	Z		1952	1857	1855	1760	1755	1755				
9	P/Z P/Z	4+8	4737.7	4604.6	4592.6	4400.6	4377.2	4377.3				
10	P/TZ	9+8	7.222	7.239	7.719	8.241	8.137	8.201				
11	(P/TZ) ² /1000 (10 ³ 2/1000)											
12	L/H(F _r Q _m) ²											
13		I1 + I2										
14	I _n	I0 + I3	138,464	129,219	129,557	121,347	121,997	121,938				
15	M = P _n · P _{n-1}			564	584	582	622	620				
16	N = I _n + I _{n-1}			267683	268,021	250,904	251,554	251,495				
17	M × N	I5 × I6			156,431			155,997				
18	Σ (M × N)	Σ I7			156,037							