

COMPANY Aminole USA, Inc. LEASE Federal 19-1 WELL NO. 1 DATE 2-24-83

LOCATION: Unit 19 Section 19 Township 19s Range 33e

L 13089 H 13089 L/H 1.000 G .7319 % CO₂ 5.002 % N₂ .607 % H₂S

d 2.441 F_r 010763 Q_m 0 M²cfd (L/H) (F_rQ_m)² 0 P_{cr} 689 T_{cr} 392

TABLE 1A & B

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13089	6545		0						
2	GH		9580	4789.9		0						
3	37.5GH		359244	179622		0						
4	P _c or P _n		4174.4	3561.6	3542.5	2912.4	2868.4	2871.9		Pw-2873.3		
5	P _r		6.06	5.17	5.14	4.23	4.16	4.17				
6	T		665	599.5	599.5	534	534	534				
7	T _r		1.70	1.53	1.53	1.36	1.36	1.36				
8	Z		.920	.818	.816	.698	.695	.696				
9	P/Z P/Z	$\frac{4}{3} \div 8$	4537.4	4354.1	4341.3	4172.4	4127.1	4126.3				
10	P/TZ	$\frac{9}{5} \div 6$	6.8231	7.2628	7.2415	7.8136	7.7287	7.7272				
11	(P/TZ) ² /1000	$\frac{11}{13} \div 2/1000$										
12	L/H(F _r Q _m) ²											
13	$\frac{11}{13} + \frac{12}{13}$											
14	I _n	$\frac{10}{13} \div 13$	146.562	137.688	138.093	127.981	129.388	129.412				
15	M=P _n ·P _n ⁻¹			613	632	630	674	671				
16	N=I _n + I _n - 1			284.250	284.655	266.074	267.481	267.505				
17	M x N	$\frac{15}{15} \times \frac{16}{16}$			179878			179382				
18	Σ (M x N)	Σ 17			179366							