

COMPANY Gulf Oil, Explor. & Produ Loving Federal Com WELL NO. 1 DATE 3-2-83

LOCATION: Unit F Section 4 Township 23s Range 28e

L 11386 H 11386 L/H 1.000 G .5775 % CO₂ .575 % N₂ .785 % H₂S

d 1.995 F_r .01823 M²cfd (L/H) (F_rQ_m)² 0 P_{cr} 672 T_{cr} 350

TABLE 1A & B

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11386	5693		0						
2	GH		6575.4	3287.8		0						
3	37.5GH		246,578	123,289		0						
4	P _c or P _n		4673.0	4229.3	4214.8	3757.6	3721.5	3723.4		Pw-3725.5		
5	P _r		6.95	6.29	6.27	5.59	5.54	5.54				
6	T		648	591	591	534	534	534				
7	T _r		1.85	1.69	1.69	1.53	1.53	1.53				
8	Z		1.002	.931	.930	.839	.838	.838				
9	P/Z P/Z	$\bar{4} \div \bar{8}$	4663.7	4542.8	4532.0	4478.6	4440.9	4443.3				
10	P/TZ	$\bar{9} \div \bar{6}$	7.1970	7.6866	7.6683	8.3869	8.3163	8.3207				
11	(P/TZ) ² /1000	$(\bar{10})^2 / 1000$										
12	L/H(F _r Q _m) ²											
13		$\bar{11} + \bar{12}$										
14	I _n	$\bar{10} \div \bar{13}$	138.947	130.097	130.408	119.234	120.245	120.182				
15	M=P _n -P _{n-1}			444	458	457	493	491				
16	N=I _n +I _{n-1}			269.044	269.355	249.642	250.653	250.590				
17	M x N	$\bar{15} \times \bar{16}$			123431			123116				
18	Σ (M x N)	$\bar{17}$			123147							