

COMPANY MESA PETROLEUM LEASE JOG STATE COM. WELL NO. # 1 DATE 1-18-80

LOCATION: Unit L Section 2 Township 24S Range 33E

L 13,250 H 13,250 L/H 1.000 G mix 1.322 % CO₂ .336 % N₂ 2.006 % H₂S

d 1.995 F, 01823 Q_m M₂ cfd (L/H) (F_r Q_m)² P_{cr} 650 T_{cr} 537

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13,250	6625		0						
2	GH		17516	8758		0						
3	37.5GH		656868	328,434		0						
4	P _c or P _n		8785.6	7324.9	7293.6	5802.3	5733.5	5734.4	P _w = 5736.5			
5	F _r		13.52	11.27	11.22	8.93	8.82	8.82				
6	T		666	600	600	534	534	534				
7	T _r		1.24	1.12	1.12	1.00	1.00	1.00				
8	Z		1.483	1.315	1.310	1.116	1.104	1.104				
9	P/Z P/Z	4-8	5924.2	5570.2	5567.7	5199.2	5193.4	5194.2				
10	P/TZ	9-6	8.895	9.284	9.279	9.736	9.725	9.727				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10 ÷ 13	112.420	107.715	107.765	102.707	102.823	102.807				
15	M = P _n - P _{n-1}			1461	1492	1491	1560.1	1559.3				
16	N = I _n + I _{n-1}			220.135	220.185	210.472	210.587	210.572				
17	M x N	15 x 16		328360								
18	Σ (M x N)	Σ 17		328360								