

COMPANY HARVEY E YATES LEASE MESQUITE 34 FED WELL NO. 1 DATE 11-15-82

LOCATION: Unit N Section 34 Township 17S Range 31E

L 11857 H 11857 L/H 1:000 G_{MIS} 7904 % CO₂ 3.652 % N₂ 1.330 % H₂S ✓

d 1.995 F_r 0.1823 Q_m 239 M²cfd (L/H) (F_rQ_m)² .000019 P_{cr} 682 T_{cr} 411

TABLE IN B & B

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5928.5		11.857						
2	GII		0	4685.89		9371.77						
3	37.5GII		0	175.721		351.441						
4	P _c or P _n		2843.2	3594.2	3572.7	4299.6	4263.4	4259.6				
5	P _r		4.17	5.27	5.23	6.30	6.25					
6	T		515	574	574	633.5	633.5					
7	T _r		1.25	1.39	1.39	1.54	1.54					
8	Z		.646	.776	.771	.880	.876					
9	P/2 P/2	7-8	4401.2	4631.7	4615.9	4885.9	4862.0					
10	P/2 Z	9-5	8.5461	8.0692	8.0416	7.7126	7.6827					
11	(P/2 Z) ² /1000	(11) 2/101	.07303	.06511	.06466	.05948	.05902					
12	L/H(F _r Q _m) ²		.000019	.000019	.000019	.000019	.000019					
13		11+12	.07305	.06513	.06468	.05950	.05904					
14	I _n	10+13	116.982	123.890	124.315	129.615	130.120					
15	M=P _n ·P _{n-1}		751.06	729.51	726.94	690.77						
15	N=I _n +I _{n-1}		233.96	240.87	241.29	253.93	254.43					
17	M × N	15×16			176031.39		175758.41					
18	Σ (M×N)	Σ 17			175409.60		175682.58					