

COMPANY HARVEY E YATES LEASE MESQUITE 34 FED WELL NO. 1 DATE 11-15-82LOCATION: Unit N Section 34 Township 17S Range 31EL 11857 H 11857 LH 1:000 GMS 7904 %CO₂ 3.652 %N₂ 1.330 %H₂S —d 1995 F₁ 0.1823 Q_m 0 M²cd (L/H) (F₁Q_m)² 0 P_{cr} 682 T_{cr} 411

TABLE IS B 9

BOTTOM HOLE SHUT IN

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.SGII		0	175.721		351.441						
4	P _c or P _n		3283.2	4098.2	4072.0	4857.6	4815.8					
5	P _r		48141	6.0091	5.9707	7.1226	7.0614					
6	T		510	569	569	628.5	628.5					
7	T _r		1.24	1.38	1.38	1.53	1.53					
8	Z		.694	828	826	930	926					
9	P/2P/2	T:8	4730.8	4949.5	4929.8	5223.2	5200.7					
10	P/2T	9:5	9.2761	8.6986	8.6640	8.3106	8.2748					
11	(P/T ²) ² /1000	(11) 2/1001	0.08605	0.07567	0.07506	0.06907	0.06847					
12	L/H(F ₁ Q _m) ²											
13		I1 + I2	0.08605	0.07567	0.07506	0.06907	0.06847					
14	I _n	I0 + I3	107.803	114.960	115.420	120.328	120.849					
15	M = P _n · P _{n-1}		815.0	788.8	785.6	743.8						
16	N = I _n + I _{n-1}		215.6	222.8	223.2	235.7	236.3					
17	M × N	15 × 16			176083		175744					
18	Σ (M × N)	Σ 17			175357		175696					