

COMPANY EXXON CORP. LEASE New Mexico "G" State WELL NO. 16 DATE 9-2-84

LOCATION: Unit 3288 Section 26 Township 21S Range 36E

H 3288 L/H 1.000 G .677 % CO₂ 1.03 % N₂ 3.98 % H₂S

D 1.995 F 1.018231 GH 2225.98 P_{cr} 666 T_{cr} 370

LINE	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND		
1 Q _m	1.105	1.105	.218	.218	.365	.365	.486	.486		
2 T _w (W.H. °R)	534	534	534	534	534	534	534	534		
3 T _g (B.H. °R)	553	553	553	553	553	553	553	553		
4 T = (1/w + 1/s)	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5		
5 Z (Est.)	.856	.849	.854	.854	.866	.860	.883	.877		
6 T ₂	465.2	466.4	466.6	466.1	470.6	467.4	479.4	476.6		
7 GH/T ₂	4.784	4.824	4.767	4.795	4.729	4.762	4.638	4.670		
8 e ^s (Table XIV)	1.196	1.198	1.195	1.197	1.194	1.195	1.189	1.191		
9 1 - e ^s (Table XIV)	.164	.165	.163	.164	.165	.163	.159	.160		
10 F ₁	898.2	898.2	866.2	866.2	824.2	824.2	713.2	713.2		
11 P ₁ 2.1000	806.8	806.8	750.3	750.3	679.3	679.3	508.7	508.7		
12 F ₁ (Table XV)	.018231	.018231	.018231	.018231	.018231	.018231	.018231	.018231		
13 F ₂ = F ₁ T ₂	8.481	8.412	8.511	8.461	8.580	8.521	8.249	8.689		
14 F ₂ 2 _m	.89	.88	1.085	1.844	3.31	3.11	4.22	4.22		
15 L/H (F ₂ Q _m) ²	.79	.78	3.44	3.40	9.80	9.67	18.08	17.83		
16 F _w = L/H (F ₂ Q _m) ² (1 - e ^s)	.13	.129	.126	.126	1.54	1.58	2.88	2.86		
17 P _w ² = P ₁ ² + F _w	806.8	806.9	750.8	750.9	686.8	680.4	511.2	511.5		
18 P _s ² = e ^s P _w ²	965.4	966.8	897.8	898.8	813.6	814.0	608.2	608.5		
19 F _s	982.5	983.3	947.5	948.0	901.6	902.2	786.2	786.6		
20 P = (P ₁ + P _s)	940.3	940.7	906.8	907.1	862.9	863.2	746.7	746.9		
21 P ₁ = (P/P _{cr})	1.41	1.41	1.36	1.36	1.29	1.29	1.12	1.12		
22 T ₁ = (T/T _{cr})	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46		
23 Z (Table XI)	.849	.849	.854	.854	.860	.860	.877	.877		

* = 1.2