Adopted 9-1-63

COMPANY [illegible] LEASE [illegible] Wide OIS State WELL NO. 1 DATE 2-20-81

LOCATION: Unit [illegible] Section [illegible] Township 14 S Range [illegible]

L 1640 H [illegible] L/H [illegible] G 0.727 % CO_2 0.06 % N_2 19.66 % H_2S N.I

d 2.5165 F_r [illegible] GH 11923 5.756 Btu/cf P_{cr} 318 (TABLE IX & X) T_{cr} 413 (TABLE IX & X)

LINE										
1 Q_m		0.343	0.459	0.627	0.751					
2 T_w (W.H. °R)	514	523	527	530	532					
3 T_r (B.H. °R)	556	556	555	555	554					
4 $T = \frac{(T_w + T_r)}{2}$	535	539.5	543	542.5	543					
5 Z (Est.)	0.76	0.7605	0.7725	0.803	0.8425					
6 TZ	399.11	410.29	418.495	435.63	457.48					
7 GH/TZ	2.9874	2.9060	2.8477	2.7370	2.60625					
8 e^S (Table XIV)	1.1155	1.1151	1.1129	1.1081	1.1027					
9 $1-e^{-S}$ (Table XIV)		0.1032	0.1013	0.0975	0.0931					
10 P_1^2	1233.2	1145.2	1152.2	999.2	801.2					
11 $P_1^2 \times 1000$	1520.8	1338.06	1318.36	998.40	641.92					
12 F_c (Table XV)	0.11203	0.10847	0.10678	0.10264	0.09773					
13 $F_c = F_c TZ$		3.5211	3.5432	3.7386	3.926					
14 $F_c Q_m$		1.2077	1.6493	2.344	2.9484					
15 $L/H (F_c Q_m)^2$		1.4586	2.720	5.495	8.6932					
16 $F_w = L/H (F_c Q_m)^2 (1-e^{-S})$		0.15	0.28	0.54	0.81					
17 $P_w^2 = P_1^2 + F_w$		1438.23	1318.64	998.94	642.73					
18 $P_s^2 = e^S P_w^2$	1701.0	1603.8	1467.3	1106.9	708.7					
19 P_s	1304.2	1266.4	1211.3	1052.1	841.8					
20 $P = (\frac{P_1 + P_s}{2})$	1268.[illegible]	1232.8	1179.7	1025.7	821.5					
21 $P_r = (P/P_{cr})$	1.551	1.507	1.442	1.254	1.004					
22 $T_r = (T/T_{cr})$	1.296	1.306	1.312	1.313	1.315					
23 F (Table XI)										