COMPANY FLAG REDFERN LEASE STATE 17 WELL NO. 1 DATE 1-9-82

LOCATION: Unit P Section 17 Township 1S Range 25E

L 849 H 849 L/H 1.000 G .7225 % CO_2 .320 % N_2 25.043 % H_2S

d 1.995 F_r .018231 GH 613 P_{cr} 627 (TABLE IX & X) T_{cr} 328 (TABLE IX & X)

LINE										
1 Q_m	.027	.027	.052	.052	.083	.083	.209	.209		
2 T_w (W.H. °R)	534	534	534	534	534	534	534	534		
3 T_s (B.H. °R)	615	615	615	615	615	615	615	615		
$T = (\frac{T_w + T_s}{2})$	574.5	574.5	574.5	574.5	574.5	574.5	574.5	574.5		
5 Z (Est.)	.970	.969	.973	.973	.977	.976	.975	.974		
6 TZ	557.3	556.7	558.9	558.9	561.3	560.7	560.1	559.6		
7 GH/TZ	1.100	1.101	1.097	1.097	1.092	1.093	1.094	1.095		
8 e^s (Table XIV)	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042		
9 $1-e^{-s}$ (Table XIV)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040		
10 P_t	348.2	348.2	306.2	306.2	260.2	260.2	283.2	283.2		
11 $P_t^2/1000$	121.2	121.2	93.8	93.8	67.7	67.7	80.2	80.2		
12 F_r (Table XV)	.018231	.018231	.018231	.018231	.018231	.018231	.018231	.018231		
13 $F_c = F_r TZ$	10.159	10.149	10.191	10.191	10.233	10.222	10.212	10.201		
14 $F_c Q_m$	0.274	10.274	0.530	0.530	0.849	0.848	2.134	2.132		
$L/H (F_c Q_m)^2$	0.075	0.075	0.281	0.721	0.720	4.555	4.546	4.546		
16 $F_w = L/H(F_c Q_m)^2(1-e^{-s})$	0.003	0.0030	0.011	0.011	0.029	0.029	0.183	0.183		
17 $P_w^2 = P_t^2 + F_w$	121.2	121.2	93.8	93.8	67.7	67.7	80.4	80.4		
18 $P_s^2 = e^s P_w^2$	126.3	126.4	97.7	97.7	70.6	70.6	83.7	83.8		
19 P_s	355.5	355.5	312.6	312.6	265.6	265.6	289.4	289.4		
20 $P = (\frac{P_t + P_s}{2})$	351.8	351.8	309.4	309.4	262.9	262.9	286.3	286.3		
21 $P_r = (P/P_{cr})$	.56	.56	.49	.49	.42	.42	.46	.46		
22 $T_r = (T/T_{cr})$	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75		
23 Z (Table XI)	.969	.969	.973	.973	.976	.976	.974	.974		

One copy to be filed in District Office (Work copy acceptable)