

COMPANY : NADEL & GUSSMAN PERM LEASE : ROLLING ROCK ST. WELL NO. : 1		Pc = 2311.1		Pc2 = 5341.2				
UNIT :		SECTION :		TOWNSHIP :				
L : 10426 H : 10426 L/H : 1 G/GMIX : 0.575		Pt2 = 376.0		Pw = 614.3				
%CO2 : 0.8 %N2 : 0.34 H2S : DATE : 9/21/99		0.0		ERR				
d : 2.441 Fr : 0.010763 GH : 5994.9 RANGE :		0.0		ERR				
		0.0		ERR				
VOL 1 : 341 PSIA 1 : 613.2 RESV.TEMP 178.3		Pc2-Pw2= 4963.8		Pw2 = 377.3				
VOL 2 : PSIA 2 :		ERR		ERR				
VOL 3 : PSIA 3 :		ERR		ERR				
VOL 4 : PSIA 4 :		ERR		ERR				
PCR : 675		n = 1.000						
TCR : 342								
		Pc2/(Pc2-Pw2) = 1.076						
		ERR						
		ERR						
		ERR						
LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND
1 QM	0.341	0.341	0.000	0.000	0.000	0.000	0.000	0.000
2 TW	534	534	534	534	534	534	534	534
3 Ts	638.3	638.3	638.3	638.3	638.3	638.3	638.3	638.3
4 T	586.1	586.1	586.1	586.1	586.1	586.1	586.1	586.1
PR (est)	0.91		0.00		0.00		0.00	
5 Z(est)	0.922	0.916	ERR	ERR	ERR	ERR	ERR	ERR
6 TZ	540.3	537.0	ERR	ERR	ERR	ERR	ERR	ERR
7 GH/TZ	11.095	11.163	ERR	ERR	ERR	ERR	ERR	ERR
8 eS	1.516	1.520	ERR	ERR	ERR	ERR	ERR	ERR
9 l-e-S	0.340	0.342	ERR	ERR	ERR	ERR	ERR	ERR
10 Pt	613.2	613.2	0.0	0.0	0.0	0.0	0.0	0.0
11 Pt2 /1000	376.0	376.0	0.0	0.0	0.0	0.0	0.0	0.0
12 Fr	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763
13 Fc=FrTZ	5.816	5.780	ERR	ERR	ERR	ERR	ERR	ERR
14 FcQm	1.98	1.97	ERR	ERR	ERR	ERR	ERR	ERR
15 L/H(FcQm)	3.9	3.9	ERR	ERR	ERR	ERR	ERR	ERR
16 Fw	1.338573	1.328773	ERR	ERR	ERR	ERR	ERR	ERR
17 Pw2	377.4	377.3	ERR	ERR	ERR	ERR	ERR	ERR
18 Ps2	572.1	573.5	ERR	ERR	ERR	ERR	ERR	ERR
19 Ps	756.3	757.3	ERR	ERR	ERR	ERR	ERR	ERR
20 P	684.8	685.3	ERR	ERR	ERR	ERR	ERR	ERR
21 Pr	1.01	1.02	ERR	ERR	ERR	ERR	ERR	ERR
22 Tr	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
23 Z	0.916	0.916	ERR	ERR	ERR	ERR	ERR	ERR

FORM C122-D