

COMPANY :GRUY PET.

LEASE :Sr. 14 COM

WELL NO. : 2

UNIT :E

SECTION : 14

TOWNSHIP :19S

L : 11760

H : 11760

L/H :

1 G/GMIX : 0.643

%CO2 : 0.74

%W2 : 0.48

H2S :

DATE :11/8/01

d : 1.995

Fr :0.018231

GH : 7561.7

RANGE :29E

VOL 1 : 413 PSIA 1 : 730.2

RESV.TEMP 191.6

VOL 2 : 482 PSIA 2 : 699.2

SHUT-IN PR= 853.2

VOL 3 : 616 PSIA 3 : 638.2

VOL 4 : 758 PSIA 4 : 561.2

PCR : 673

TCR : 368

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.413	0.413	0.482	0.482	0.616	0.616	0.758	0.758
2 TW	534	534	534	534	534	534	534	534
3 Ts	651.6	651.6	651.6	651.6	651.6	651.6	651.6	651.6
4 T	592.8	592.8	592.8	592.8	592.8	592.8	592.8	592.8
PR (est)	1.08		1.04		0.95		0.83	
5 Z(est)	0.896	0.885	0.899	0.889	0.906	0.895	0.914	0.904
6 TZ	531.3	524.8	533.2	526.7	536.8	530.6	541.5	535.6
7 GH/TZ	14.231	14.410	14.182	14.356	14.086	14.250	13.963	14.117
8 eS	1.705	1.717	1.702	1.713	1.696	1.706	1.688	1.698
9 l-e-S	0.414	0.417	0.412	0.416	0.410	0.414	0.408	0.411
10 Pt	730.2	730.2	699.2	699.2	638.2	638.2	561.2	561.2
11 Pt2 /1000	533.2	533.2	488.9	488.9	407.3	407.3	314.9	314.9
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13 Fc=FrTZ	9.687	9.567	9.720	9.603	9.787	9.674	9.873	9.765
14 FcQm	4.00	3.95	4.69	4.63	6.03	5.96	7.48	7.40
15 L/H(FcQm)	16.0	15.6	22.0	21.4	36.3	35.5	56.0	54.8
16 Fw	6.619326	6.517240	9.054504	8.918518	14.91484	14.70144	22.82982	22.520853
17 Pw2	539.8	539.7	497.9	497.8	422.2	422.0	337.8	337.5
18 Ps2	920.5	926.5	847.5	852.8	716.0	720.1	570.2	573.0
19 Ps	959.4	962.5	920.6	923.5	846.2	848.6	755.1	757.0
20 P	844.8	846.4	809.9	811.3	742.2	743.4	658.2	659.1
21 Pr	1.26	1.26	1.20	1.21	1.10	1.10	0.98	0.98
22 Tr	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
23 Z	0.885	0.885	0.889	0.888	0.895	0.895	0.904	0.903

Pc = 853.2 Pc2 = 728.0 *

Pt2 = 533.2 Pw = 734.6 *

488.9 705.5 *

407.3 649.6 *

314.9 580.9 *

Pc2-Pw2= 188.2 Pw2 = 539.7 *

230.2 497.8 *

305.9 422.0 *

390.5 337.5 *

n = 0.839 *

Pc2/(Pc2-Pw2) = 3.867 *

3.163 *

2.379 *

1.864 *

[Pc2/Pc2-Pw2]n = 3.110 *

2.627 *

2.069 *

1.686 *

AOF= Q 1.284 *

1.266 *

1.275 *

1.277 *

FORM C122-D *