

COMPANY : MATADOR OPER. CO. LEASE : CPMN.11 FED. COM. WELL NO. : 2
 UNIT : SECTION : 11 TOWNSHIP : 25
 L : 10650 H : 10650 L/R : 1 G/GMIX : 0.604
 %CO2 : 0.63 %N2 : 0.46 H2S : DATE : 12 1'95
 d : 2.007 Fr : 0.017947 GH : 6432.6 RANGE : 26

Pc = 4973.2 Pc2 = 24732.7
 Pt2 = 8083.8 Pw = 2846.2
 3471.5 1871.1
 1151.8 1091.1
 762.5 898.1

VOL 1 : 747 PSIA 1 : 2843.2 RESV.TEMP 180.5
 VOL 2 : 997 PSIA 2 : 1863.2
 VOL 3 : 1113 PSIA 3 : 1073.2 SHUT-IN PR= 4973.2
 VOL 4 : 1175 PSIA 4 : 873.2

Pc2-Pw2 16432.0 8100.7
 21231.9 3500.8
 23542.3 1190.4
 23926.1 806.6

PCR : 671
 TCR : 358

n = 1.000

Pc2/(Pc2-Pw2) = 1.487

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.747	0.747	0.997	0.997	1.113	1.113	1.175	1.175
2 TW	534	534	534	534	534	534	534	534
3 Ts	640.5	640.5	640.5	640.5	640.5	640.5	640.5	640.5
4 T	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2
PR (est)	4.24		2.78		1.60		1.30	
5 Z(est)	0.826	0.841	0.827	0.821	0.872	0.860	0.888	0.878
6 TZ	485.3	493.6	485.9	482.3	512.0	505.3	521.7	515.3
7 GH/TZ	13.255	13.032	13.238	13.337	12.563	12.731	12.329	12.483
8 eS	1.644	1.630	1.643	1.649	1.602	1.612	1.588	1.597
9 l-e-S	0.392	0.387	0.391	0.394	0.376	0.380	0.370	0.374
10 Pt	2843.2	2843.2	1863.2	1863.2	1073.2	1073.2	873.2	873.2
11 Pt2 /1000	8083.8	8083.8	3471.5	3471.5	1151.8	1151.8	762.5	762.5
12 Fr	0.017947	0.017947	0.017947	0.017947	0.017947	0.017947	0.017947	0.017947
13 Fc=FrTZ	8.710	8.859	8.721	8.657	9.189	9.069	9.364	9.249
14 FcQm	6.51	6.62	8.69	8.63	10.23	10.09	11.00	10.87
15 L/H(FcQm)	42.3	43.8	75.6	74.5	104.6	101.9	121.1	118.1
16 Fw	16.58140	16.92942	29.58278	29.31429	39.30207	38.67282	44.81479	44.147214
17 Pw2	8100.4	8100.7	3501.1	3500.8	1191.1	1190.4	807.3	806.6
18 Ps2	13316.0	13205.9	5751.8	5772.7	1907.8	1918.8	1281.8	1288.2
19 Ps	3649.1	3634.0	2398.3	2402.6	1381.2	1385.2	1132.2	1135.0
20 P	3246.2	3238.6	2130.7	2132.9	1227.2	1229.2	1002.7	1004.1
21 Pr	4.84	4.83	3.18	3.18	1.83	1.83	1.49	1.50
22 Tr	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64
23 Z	0.841	0.840	0.821	0.821	0.860	0.860	0.878	0.877

[Pc2/Pc2-Pw2]n = 1.487

40F= Q 1.111

1.161

1.169

1.215

FORM C122-D