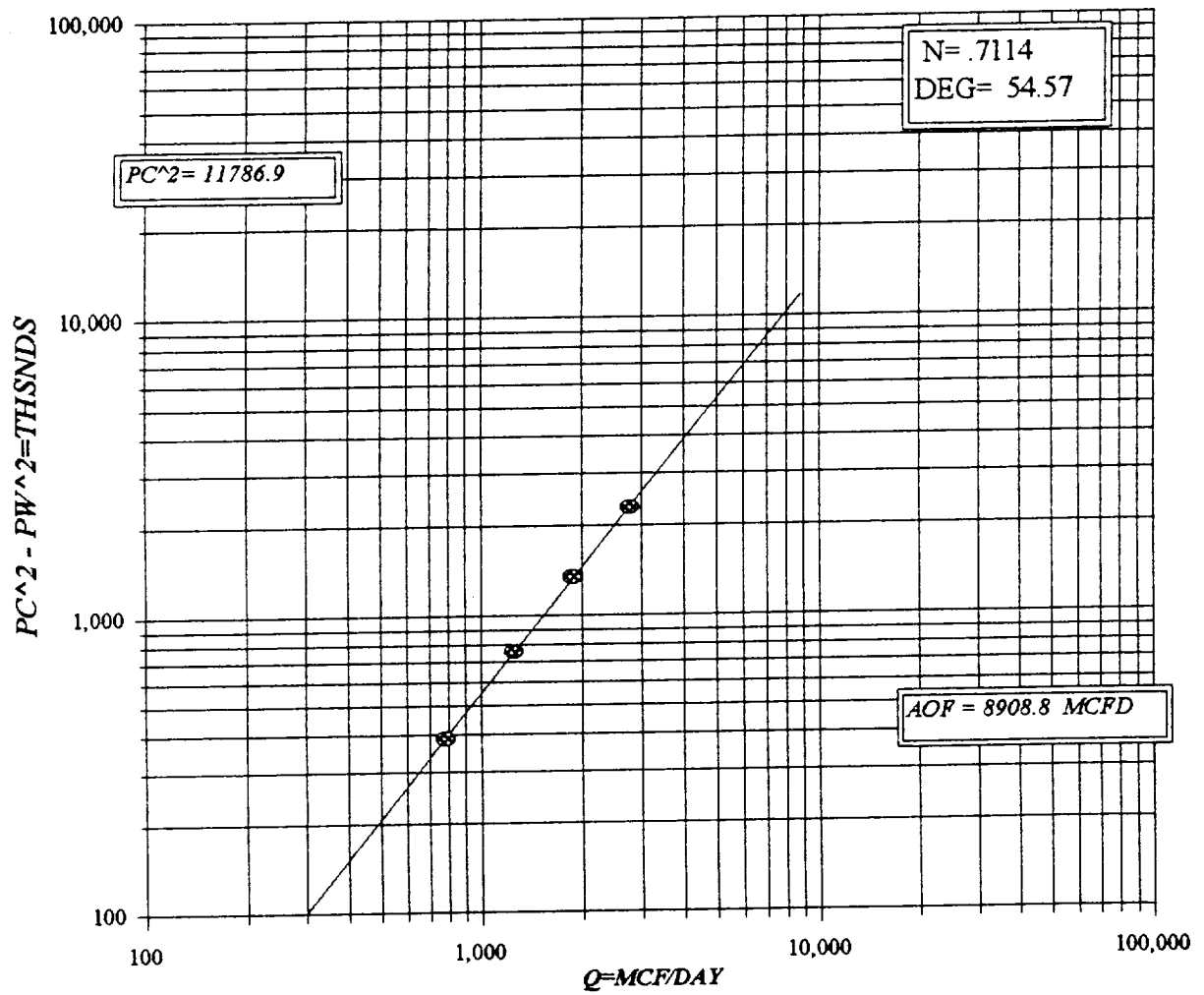


LOUIS DREYFUS
LOCO HILLS "4" FED COM # 1



○ COMPANY : LOUIS DREYFUS LEASE : LOCO HILLS 4 FED COWELL NO. : 1 Pc = 3433.2 Pc2 = 11786.9 *
 UNIT : SECTION : 4 TOWNSHIP : 18
 L : 10880 H : 10880 L/H : 1 G/GMIX : 0.660 Pt2 = ***** Pw = 3376.4 *
 %CO2 : 0.066 %N2 : 1.518 H2S : DATE : 12/9/99 ***** 3321.4 *
 d : 1.995 Fr : 0.018231 GH : 7180.8 RANGE : 29 ***** 3231.9 *
 9230.7 3081.0 *

VOL 1 : 786 PSIA 1 : 3373.2 RESV.TEMP 182.8
 VOL 2 : 1248 PSIA 2 : 3313.2
 VOL 3 : 1875 PSIA 3 : 3213.2 SHUT-IN PR= 3433.2
 VOL 4 : 2784 PSIA 4 : 3038.2

PCR : 672
 TCR : 373

Pc2-Pw2= 386.8 Pw2 = 11400.1 *
 755.5 11031.4 *
 1341.4 10445.5 *
 2294.3 9492.6 *

n = 0.711

Pc2/(Pc2-Pw2) = 30.473
 15.602
 8.787
 5.137

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	
1 QM	0.786	0.786	1.248	1.248	1.875	1.875	2.784	2.784	
2 TW	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n = 11.367
3 Ts	642.8	642.8	642.8	642.8	642.8	642.8	642.8	642.8	7.060
4 T	588.4	588.4	588.4	588.4	588.4	588.4	588.4	588.4	4.693
PR (est)	5.02		4.93		4.78		4.52		3.204
5 Z(est)	0.823	0.857	0.820	0.852	0.815	0.845	0.807	0.834	
6 TZ	484.3	504.0	482.4	501.4	479.5	497.3	475.0	490.6	AOF= Q 8.935
7 GH/TZ	14.829	14.247	14.885	14.321	14.976	14.440	15.118	14.637	8.811
8 eS	1.744	1.706	1.748	1.711	1.753	1.719	1.763	1.731	8.799
9 l-e-S	0.427	0.414	0.428	0.416	0.430	0.418	0.433	0.422	8.908
10 Pt	3373.2	3373.2	3313.2	3313.2	3213.2	3213.2	3038.2	3038.2	
11 Pt2 /1000	11378.5	11378.5	10977.3	10977.3	10324.7	10324.7	9230.7	9230.7	
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	
13 Fc=FrTZ	8.829	9.189	8.795	9.142	8.742	9.066	8.660	8.944	
14 FcQm	6.94	7.22	10.98	11.41	16.39	17.00	24.11	24.90	
15 L/H(FcQm)	48.2	52.2	120.5	130.2	268.7	289.0	581.2	620.0	
16 Fw	20.53931	21.58990	51.53329	54.08297	115.4439	120.8272	251.5122	261.90655	
17 Pw2	11399.0	11400.1	11028.8	11031.4	10440.1	10445.5	9482.2	9492.6	
18 Ps2	19877.6	19451.0	19273.2	18873.8	18306.2	17951.1	16715.3	16434.6	
19 Ps	4458.4	4410.3	4390.1	4344.4	4278.6	4236.9	4088.4	4054.0	
20 P	3915.8	3891.8	3851.7	3828.8	3745.9	3725.0	3563.3	3546.1	
21 Pr	5.83	5.79	5.73	5.70	5.57	5.54	5.30	5.28	
22 Tr	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	
23 Z	0.857	0.855	0.852	0.851	0.845	0.844	0.834	0.833	FORM C122-D