

COMPANY : NEARBURG PROD. CO. LEASE : BUFF. 2K ST. COM. WELL NO. : 1
 UNIT : K SECTION : 2 TOWNSHIP : 19
 L : 12899 H : 12899 L/H : 1 G/GMIX : 0.807
 %CO2 : 0.52 %N2 : 0.52 H2S : DATE : 10 26 95
 d : 1.995 Fr : 0.018231 GH : 10409.5 RANGE : 33

Pc = 3350.2 Pc2 = 11223.8 *
 Pt2 = 7178.1 Pw = 2680.1 *
 5698.7 2389.0 *
 3960.9 1995.1 *
 2341.5 1541.7 *

VOL 1 : 345 PSIA 1 : 2679.2 RESV.TEMP 178.0
 VOL 2 : 484 PSIA 2 : 2387.2
 VOL 3 : 760 PSIA 3 : 1990.2 SHUT-IN PR= 3350.2
 VOL 4 : 1037 PSIA 4 : 1530.2

Pc2-Pw2= 4041.2 Pw2 = 7182.7 *
 5516.7 5707.2 *
 7243.5 3980.3 *
 8847.0 2376.8 *

PCR : 665
 TCR : 424

n = 1.000 *

Pc2/(Pc2-Pw2) = 2.777 *
 2.035 *
 1.549 *
 1.269 *

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.345	0.345	0.484	0.484	0.760	0.760	1.037	1.037
2 TW	534	534	534	534	534	534	534	534
3 Ts	638.0	638.0	638.0	638.0	638.0	638.0	638.0	638.0
4 T	586.0	586.0	586.0	586.0	586.0	586.0	586.0	586.0
PR (est)	4.03		3.59		2.99		2.30	
5 Z(est)	0.693	0.757	0.680	0.725	0.679	0.690	0.708	0.678
6 TZ	405.8	443.8	398.5	424.8	397.7	404.1	415.2	397.5
7 GH/TZ	25.650	23.453	26.120	24.502	26.177	25.757	25.073	26.185
8 eS	2.617	2.410	2.663	2.506	2.669	2.627	2.561	2.670
9 l-e-S	0.618	0.585	0.624	0.601	0.625	0.619	0.609	0.625
10 Pt	2679.2	2679.2	2387.2	2387.2	1990.2	1990.2	1530.2	1530.2
11 Pt2 /1000	7178.1	7178.1	5698.7	5698.7	3960.9	3960.9	2341.5	2341.5
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13 Fc=FrTZ	7.399	8.092	7.266	7.745	7.250	7.368	7.569	7.248
14 FcQm	2.55	2.79	3.52	3.75	5.51	5.60	7.85	7.52
15 L/H(FcQm)	6.5	7.8	12.4	14.1	30.4	31.4	61.6	56.5
16 Fw	4.025540	4.559168	7.722733	8.446118	18.98317	19.42019	37.54739	35.326818
17 Pw2	7182.1	7182.7	5706.4	5707.2	3979.9	3980.3	2379.1	2376.8
18 Ps2	18792.5	17307.9	15196.8	14304.2	10621.5	10456.9	6091.8	6345.3
19 Ps	4335.0	4160.3	3898.3	3782.1	3259.1	3233.7	2468.2	2519.0
20 P	3507.1	3419.7	3142.8	3084.6	2624.6	2612.0	1999.2	2024.6
21 Pr	5.27	5.14	4.73	4.64	3.95	3.93	3.01	3.04
22 Tr	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
23 Z	0.757	0.749	0.725	0.720	0.690	0.689	0.678	0.678

[Pc2/Pc2-Pw2]n = 2.777 *
 2.035 *
 1.549 *
 1.269 *

AOF= Q 0.958 *
 0.985 *
 1.178 *
 1.316 *

FORM C122-D *