

COMPANY : LOUIS DREYFUS      LEASE : STATE, OKLA      WELL NO. : 3  
 UNIT :      SECTION :      TOWNSHIP :  
 L : 11818      H : 11818      L/H : 1      G/GMIX : 0.691  
 %CO2 : 5.702      %N2 : 1.225      H2S :      DATE : 1/8/00  
 d : 4.892      Fr : 0.001758      GH : 8166.2      RANGE :

Pc = 947.2      Pc2 = 878.3 \*

Pt2 = 413.7      Pw = 643.6 \*  
 295.1      544.0 \*  
 179.1      425.5 \*  
 54.4      238.2 \*

VOL 1 : 1063      PSIA 1 : 643.2      RESV. TEMP      192.2  
 VOL 2 : 1510      PSIA 2 : 543.2  
 VOL 3 : 2194      PSIA 3 : 423.2      SHUT-IN PR= 937.2  
 VOL 4 : 2376      PSIA 4 : 233.2

PCR : 692  
 TCR : 322

Pc2-Pw2= 464.2      Pw2 = 414.2 \*  
 582.4      296.0 \*  
 697.3      181.1 \*  
 821.6      56.7 \*

n = 1.000

Pc2/(Pc2-Pw2) = 1.892  
 1.508  
 1.260  
 1.069

[Pc2/Pc2-Pw2]n = 1.892  
 1.508  
 1.260  
 1.069

AOF= Q      2.011  
 2.277  
 2.764  
 2.540

| LINE         | RATE 1   |          | RATE 2   |          | RATE 3   |          | RATE 4   |           |
|--------------|----------|----------|----------|----------|----------|----------|----------|-----------|
|              | 1ST      | 2ND      | 1ST      | 2ND      | 1ST      | 2ND      | 1ST      | 2ND       |
| 1 QM         | 1.063    | 1.063    | 1.510    | 1.510    | 2.194    | 2.194    | 2.376    | 2.376     |
| 2 TW         | 534      | 534      | 534      | 534      | 534      | 534      | 534      | 534       |
| 3 Ts         | 652.2    | 652.2    | 652.2    | 652.2    | 652.2    | 652.2    | 652.2    | 652.2     |
| 4 T          | 593.1    | 593.1    | 593.1    | 593.1    | 593.1    | 593.1    | 593.1    | 593.1     |
| PR (est)     | 0.93     |          | 0.78     |          | 0.61     |          | 0.34     |           |
| 5 Z(est)     | 0.934    | 0.928    | 0.940    | 0.934    | 0.947    | 0.943    | 0.959    | 0.957     |
| 6 TZ         | 553.7    | 550.3    | 557.2    | 554.2    | 561.6    | 559.1    | 569.0    | 567.4     |
| 7 GH/TZ      | 14.747   | 14.839   | 14.655   | 14.735   | 14.540   | 14.606   | 14.353   | 14.392    |
| 8 eS         | 1.739    | 1.745    | 1.732    | 1.738    | 1.725    | 1.729    | 1.713    | 1.715     |
| 9 l-e-S      | 0.425    | 0.427    | 0.423    | 0.425    | 0.420    | 0.422    | 0.416    | 0.417     |
| 10 Pt        | 643.2    | 643.2    | 543.2    | 543.2    | 423.2    | 423.2    | 233.2    | 233.2     |
| 11 Pt2 /1000 | 413.7    | 413.7    | 295.1    | 295.1    | 179.1    | 179.1    | 54.4     | 54.4      |
| 12 Fr        | 0.001758 | 0.001758 | 0.001758 | 0.001758 | 0.001758 | 0.001758 | 0.001758 | 0.0017584 |
| 13 Fc=PrTZ   | 0.974    | 0.968    | 0.980    | 0.975    | 0.988    | 0.983    | 1.001    | 0.998     |
| 14 FcQm      | 1.04     | 1.03     | 1.48     | 1.47     | 2.17     | 2.16     | 2.38     | 2.37      |
| 15 L/H(FcQm) | 1.1      | 1.1      | 2.2      | 2.2      | 4.7      | 4.7      | 5.7      | 5.6       |
| 16 Fw        | 0.455118 | 0.451594 | 0.925614 | 0.919322 | 1.973349 | 1.962362 | 2.352093 | 2.3440917 |
| 17 Pw2       | 414.2    | 414.2    | 296.0    | 296.0    | 181.1    | 181.1    | 56.7     | 56.7      |
| 18 Ps2       | 720.0    | 722.5    | 512.8    | 514.3    | 312.4    | 313.1    | 97.2     | 97.3      |
| 19 Ps        | 848.5    | 850.0    | 716.1    | 717.2    | 558.9    | 559.6    | 311.7    | 312.0     |
| 20 P         | 745.9    | 746.6    | 629.7    | 630.2    | 491.0    | 491.4    | 272.5    | 272.6     |
| 21 Pr        | 1.08     | 1.08     | 0.91     | 0.91     | 0.71     | 0.71     | 0.39     | 0.39      |
| 22 Tr        | 1.84     | 1.84     | 1.84     | 1.84     | 1.84     | 1.84     | 1.84     | 1.84      |
| 23 Z         | 0.928    | 0.928    | 0.934    | 0.934    | 0.943    | 0.943    | 0.957    | 0.957     |

FORM C122-D