

COMPANY : LOUIS DRILLING
 UNIT :
 L : 10416 H : 10416 L/ : 1 G/GMIX : 0.689
 %CO2 : 1.06 %N2 : 0.679 H2S : DATE : 1/29/01
 d : 1.995 Fr : 0.018231 GH : 7176.6 RANGE :

VOL 1 : 310 PSIA 1 : 1703.2 RESV.TEMP 178.2
 VOL 2 : 671 PSIA 2 : 1693.2
 VOL 3 : 1971 PSIA 3 : 1583.2 SHUT-IN PR= 1713.2
 VOL 4 : 3341 PSIA 4 : 1313.2

PCR : 672
 TCR : 384

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.310	0.310	0.671	0.671	1.971	1.971	3.341	3.341
2 TW	534	534	534	534	534	534	534	534
3 Ts	638.2	638.2	638.2	638.2	638.2	638.2	638.2	638.2
4 T	586.1	586.1	586.1	586.1	586.1	586.1	586.1	586.1
PR (est)	2.53		2.52		2.36		1.95	
5 Z(est)	0.785	0.772	0.786	0.773	0.793	0.777	0.815	0.791
6 TZ	460.3	452.7	460.6	452.9	464.8	455.2	477.6	463.5
7 GH/TZ	15.592	15.852	15.580	15.846	15.441	15.764	15.027	15.483
8 eS	1.794	1.812	1.794	1.812	1.784	1.806	1.757	1.787
9 l-e-S	0.443	0.448	0.442	0.448	0.440	0.446	0.431	0.440
10 Pt	1703.2	1703.2	1693.2	1693.2	1583.2	1583.2	1313.2	1313.2
11 Pt2 /1000	2900.9	2900.9	2866.9	2866.9	2506.5	2506.5	1724.5	1724.5
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13 Fc=FrTZ	8.391	8.254	8.398	8.257	8.473	8.300	8.707	8.451
14 FcQm	2.60	2.56	5.63	5.54	16.70	16.36	29.09	28.23
15 L/H(FcQm)	6.8	6.5	31.8	30.7	278.9	267.6	846.2	797.1
16 Fw	2.995925	2.933840	14.04957	13.75227	122.6048	119.4364	364.5514	351.08841
17 Pw2	2903.9	2903.8	2881.0	2880.7	2629.1	2626.0	2089.0	2075.6
18 Ps2	5210.9	5261.8	5167.5	5218.6	4691.2	4742.7	3670.1	3709.3
19 Ps	2282.7	2293.9	2273.2	2284.4	2165.9	2177.8	1915.7	1926.0
20 P	1993.0	1998.5	1983.2	1988.8	1874.6	1880.5	1614.5	1619.6
21 Pr	2.97	2.97	2.95	2.96	2.79	2.80	2.40	2.41
22 Tr	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
23 Z	0.772	0.772	0.773	0.773	0.777	0.777	0.791	0.791

PC = 1713.2 PC2 = 2935.1
 Pt2 = 1 Pw = 1704.1
 2866.9 1697.3
 2506.5 1620.5
 1724.5 1440.7
 PC2-Pw2= 31.2 Pw2 = 2903.8
 54.4 2880.7
 309.1 2626.0
 859.5 2075.6
 n = 0.688
 PC2/(PC2-Pw2) = 93.981
 53.977
 9.496
 3.415
 [PC2/PC2-Pw2]n = 22.795
 15.564
 4.707
 2.328
 AOF= Q 7.067
 10.443
 9.277
 7.780

FORM C122-D