0 COMPANY : TIMBER/SHARP LEASE : STATE 5 WELL NO. : 1

UNIT : SECTION : TOWNSHIP :

L : 12545 H : 12545 L/H : 1 G/GMIX : 0.622

%CO2 : 0.503 %N2 : 0.981 H2S : DATE :8 19 00

d : 2.992 Fr :0.006324 GH : 7803.0 RANGE :

VOL 1 : 601 PSIA 1 : 2618.2 RESV.TEMP 179.5

VOL 2 : 648 PSIA 2 : 2003.2

VOL 3 : 801 PSIA 3 : 1473.2 SHUT-IN PR= 3003.2

VOL 4 : 874 PSIA 4 : 1003.2

PCR : 671

TCR : 365

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	`1ST	`2ND	`1ST	``2ND	`1ST	`2ND	`1ST	`2ND
1 QM	0.601	0.601	0.648	0.648	0.801	0.801	0.874	0.874
2 TW	534	534	534	534	534	534	534	534
3 Ts	639.5	639.5	639.5	639.5	639.5	639.5	639.5	639.5
4 T	586.8	586.8	586.8	586.8	586.8	586.8	586.8	586.8
PR (est)	3.90		2.99		2.20		1.50	
5 Z(est)	0.808	0.822	0.810	0.806	0.834	0.820	0.870	0.855
6 TZ	474.3	482.2	475.5	473.0	489.1	481.0	510.2	501.9
7 GH/TZ	16.453	16.183	16.410	16.497	15.952	16.221	15.293	15.548
8 eS	1.853	1.835	1.850	1.856	1.819	1.837	1.774	1.791
9 1-e-S	0.460	0.455	0.460	0.461	0.450	0.456	0.436	0.442
10 Pt	2618.2	2618.2	2003.2	2003.2	1473.2	1473.2	1003.2	1003.2
11 Pt2 /1000	6855.0	6855.0	4012.8	4012.8	2170.3	2170.3	1006.4	1006.4
12 Fr	0.006324	0.006324	0.006324	0.006324	0.006324	0.006324	0.006324	0.0063248
13 Fc=FrTZ	3.000	3.050	3.008	2.992	3.094	3.043	3.227	3.174
14 FcQm	1.80	1.83	1.95	1.94	2.48	2.44	2.82	2.77
15 L/H(FcQm)	3.2	3.4	3.8	3.8	6.1	5.9	8.0	7.7
16 Fw	1.496393	1.528332	1.745507	1.733693	2.764733	2.706720	3.472159	3.4005272
17 Pw2	6856.5	6856.5	4014.6	4014.5	2173.1	2173.0	1009.9	1009.8
18 Ps2	12707.5	12579.4	7428.2	7452.6	3952.6	3992.4	1792.0	1809.0
19 Ps	3564.8	3546.7	2725.5	2729.9	1988.1	1998.1	1338.6	1345.0
20 P	3091.5	3082.5	2364.3	2366.6	1730.7	1735.7	1170.9	1174.1
21 Pr	4.61	4.59	3.52	3.53	2.58	2.59	1.75	1.75
22 Tr	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
23 Z	0.822	0.821	0.806	0.806	0.820	0.820	0.855	0.855

Pc = 3003.2 Pc2 = 9019.2 *

Pt2 = 6855.0 Pw = 2618.5 *
4012.8 2003.6 *
2170.3 1474.1 *
1006.4 1004.9 *

Pc2-Pw2= 2162.7 Pw2 = 6856.5 *
5004.7 4014.5 *
6846.2 2173.0 *
8009.4 1009.8 *

n = 0.499

Pc2/(Pc2-Pw2) = 4.170
1.802
1.317
1.126

[Pc2/Pc2-Pw2]n = 2.039
1.342
1.147
1.061

AOF= Q 1.226
0.869
0.919
0.927

FORM C122-D