COMPANY : HARVEY E. YATES CO. LEASE : TRAV AIR ST COM WELL NO. : 1

UNIT :	K	SECTION :	24	TOWNSHIP :	18		
L :	10631	H :	10631	L/H :	1	G/GMIX :	0.739
%CO2 :	0.55	%N2 :	0.38	H2S :		DATE	:9 17 97
d :	1.995	Fr :	0.018231	GH :	7856.3	RANGE :	28

VOL 1 :	1230	PSIA 1 :	3139.2	RESV.TEMP	180.3
VOL 2 :	2904	PSIA 2 :	2944.2		
VOL 3 :	4036	PSIA 3 :	2763.2	SHUT-IN PR=	3194.2
VOL 4 :	5016	PSIA 4 :	2560.2		

PCR : 668
TCR : 401

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	`1ST	`2ND	`1ST	``2ND	`1ST	`2ND	`1ST	`2ND
1 QM	1.230	1.230	2.904	2.904	4.036	4.036	5.016	5.016
2 TW	534	534	534	534	534	534	534	534
3 Ts	640.3	640.3	640.3	640.3	640.3	640.3	640.3	640.3
4 T	587.2	587.2	587.2	587.2	587.2	587.2	587.2	587.2
PR (est)	4.70		4.41		4.14		3.83	
5 Z(est)	0.763	0.808	0.751	0.792	0.743	0.779	0.736	0.765
6 TZ	447.8	474.5	441.2	465.2	436.2	457.3	432.2	449.4
7 GH/TZ	17.546	16.557	17.806	16.890	18.009	17.179	18.178	17.482
8 eS	1.931	1.861	1.950	1.884	1.965	1.904	1.977	1.926
9 1-e-S	0.482	0.463	0.487	0.469	0.491	0.475	0.494	0.481
10 Pt	3139.2	3139.2	2944.2	2944.2	2763.2	2763.2	2560.2	2560.2
11 Pt2 /1000	9854.6	9854.6	8668.3	8668.3	7635.3	7635.3	6554.6	6554.6
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.0182311
13 Fc=FrTZ	8.163	8.651	8.044	8.480	7.953	8.338	7.879	8.193
14 FcQm	10.04	10.64	23.36	24.63	32.10	33.65	39.52	41.10
15 L/H(FcQm)	100.8	113.2	545.6	606.5	1030.3	1132.3	1562.1	1688.9
16 Fw	48.60394	52.36614	265.8007	284.5579	505.9107	537.7761	772.0249	812.10488
17 Pw2	9903.2	9906.9	8934.1	8952.9	8141.2	8173.1	7326.6	7366.7
18 Ps2	19121.5	18432.7	17419.9	16866.6	15995.2	15565.4	14485.9	14190.2
19 Ps	4372.8	4293.3	4173.7	4106.9	3999.4	3945.3	3806.0	3767.0
20 P	3756.0	3716.3	3559.0	3525.6	3381.3	3354.2	3183.1	3163.6
21 Pr	5.62	5.56	5.33	5.28	5.06	5.02	4.77	4.74
22 Tr	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
23 Z	0.808	0.805	0.792	0.790	0.779	0.777	0.765	0.764

Pc =	3194.2	Pc2 =	10202.9
Pt2 =	9854.6	Pw =	3147.5
	8668.3		2992.1
	7635.3		2858.9
	6554.6		2714.2
Pc2-Pw2=	296.0	Pw2 =	9906.9
	1250.0		8952.9
	2029.9		8173.1
	2836.2		7366.7
n =			0.623
Pc2/(Pc2-Pw2) =			34.473
			8.162
			5.026
			3.597
[Pc2/Pc2-Pw2]n =			9.075
			3.699
			2.735
			2.220
AOF= Q			11.162
			10.741
			11.037
			11.136

FORM C122-D