

O COMPANY : CONCHO LEASE : MILLMAN 33 FED WELL NO. : 1 Pc = 3393.2 Pc2 = 11513.8 *
 UNIT : SECTION : 33 TOWNSHIP : 19 *
 L : 11270 H : 11270 L/H : 1 G/GMIX : 0.621 Pt2 = 7183.5 Pw = 2699.7 *
 %CO2 : 0.634 %N2 : 0.474 H2S : DATE : 7/20/99 8027.0 2843.4 *
 d : 1.995 Fr : 0.018231 GH : 6998.7 RANGE : 29 9019.2 3008.0 *
 9754.4 3125.3 *

VOL 1 : 1779 PSIA 1 : 2680.2 RESV.TEMP 186.7 Pc2-Pw2= 4225.2 Pw2 = 7288.6 *
 VOL 2 : 1312 PSIA 2 : 2833.2 3429.0 8084.8 *
 VOL 3 : 917 PSIA 3 : 3003.2 SHUT-IN PR= 3393.2 2466.0 9047.8 *
 VOL 4 : 617 PSIA 4 : 3123.2 1746.3 9767.5 *
 PCR : 674 n = 1.000 *
 TCR : 361

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	
1 QM	1.779	1.779	1.312	1.312	0.917	0.917	0.617	0.617	
2 TM	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n = 2.725
3 Ts	646.7	646.7	646.7	646.7	646.7	646.7	646.7	646.7	3.358
4 T	590.4	590.4	590.4	590.4	590.4	590.4	590.4	590.4	4.669
PR (est)	3.98		4.20		4.46		4.63		6.593
5 Z(est)	0.821	0.833	0.824	0.839	0.829	0.848	0.833	0.855	
6 TZ	484.4	491.5	486.4	495.6	489.3	500.9	491.8	505.0	AOF= Q 4.848
7 GH/TZ	14.448	14.239	14.390	14.122	14.303	13.973	14.230	13.859	4.405
8 eS	1.719	1.706	1.715	1.698	1.710	1.689	1.705	1.682	4.281
9 l-e-S	0.418	0.414	0.417	0.411	0.415	0.408	0.414	0.405	4.068
10 Pt	2680.2	2680.2	2833.2	2833.2	3003.2	3003.2	3123.2	3123.2	
11 Pt2 /1000	7183.5	7183.5	8027.0	8027.0	9019.2	9019.2	9754.4	9754.4	
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	
13 Fc=FrTZ	8.831	8.961	8.867	9.035	8.921	9.131	8.966	9.207	
14 FcQm	15.71	15.94	11.63	11.85	8.18	8.37	5.53	5.68	
15 L/H(FcQm)	246.8	254.1	135.3	140.5	66.9	70.1	30.6	32.3	
16 Fw	103.2505	105.1404	56.43926	57.77298	27.77856	28.59587	12.65663	13.078450	
17 Pw2	7286.7	7288.6	8083.5	8084.8	9047.0	9047.8	9767.0	9767.5	
18 Ps2	12526.5	12431.9	13866.0	13729.8	15468.6	15279.6	16653.9	16424.3	
19 Ps	3539.3	3525.9	3723.7	3705.4	3933.0	3908.9	4080.9	4052.7	
20 P	3109.7	3103.0	3278.5	3269.3	3468.1	3456.1	3602.1	3587.9	
21 Pr	4.61	4.60	4.86	4.85	5.15	5.13	5.34	5.32	
22 Tr	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
23 Z	0.833	0.832	0.839	0.839	0.848	0.848	0.855	0.855	FORM C122-D