

COMPANY : CONCHO RES. LEASE : ANDERSON RANCH 33" WELL NO. : 1
 UNIT : SECTION : TOWNSHIP :
 L : 12151 H : 12151 L... : 1 G/GMIX : 0.820
 %CO2 : 0.429 %N2 : 1.514 H2S : DATE : 6/12/01
 d : 2.441 Fr : 0.010763 GH : 9963.8 RANGE :

VOL 1 : 478 PSIA 1 : 603.2 RESV. TEMP 195.5
 VOL 2 : 610 PSIA 2 : 333.2
 VOL 3 : 738 PSIA 3 : 178.2 SHUT-IN PR= 2713.2
 VOL 4 : 857 PSIA 4 : 93.2

PCR : 667
 TCR : 426

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.478	0.478	0.610	0.610	0.738	0.738	0.857	0.857
2 TW	534	534	534	534	534	534	534	534
3 Ts	655.5	655.5	655.5	655.5	655.5	655.5	655.5	655.5
4 T	594.8	594.8	594.8	594.8	594.8	594.8	594.8	594.8
PR (est)	0.90		0.50		0.27		0.14	
5 Z(est)	0.864	0.840	0.914	0.900	0.943	0.933	0.958	0.948
6 Tz	513.9	499.3	543.6	535.3	560.7	554.9	570.0	563.8
7 GH/Tz	19.388	19.954	18.329	18.612	17.771	17.957	17.480	17.671
8 eS	2.069	2.113	1.988	2.010	1.947	1.961	1.926	1.940
9 l-e-S	0.517	0.527	0.497	0.502	0.486	0.490	0.481	0.485
10 Pt	603.2	603.2	333.2	333.2	178.2	178.2	93.2	93.2
11 Pt2 /1000	363.9	363.9	111.0	111.0				

PC = 2713.2 PC2 = 7361.5 *
 Pt2 = 33.9 Pw = 606.1 *
 111.0 342.4 *
 31.8 203.2 *
 8.7 147.6 *
 Pc2-Pw2= 6994.1 Pw2 = 367.3 *
 7244.2 117.2 *
 7320.2 41.3 *
 7339.7 21.8 *
 n = 1.000
 Pc2/(Pc2-Pw2) = 1.053
 1.016
 1.006
 1.003
 [Pc2/Pc2-Pw2]n = 1.053
 1.016
 1.006
 1.003
 AOF= Q 0.503
 0.620
 0.742
 0.860