

0 COMPANY : CONCHO RES LEASE : SOUTHERN CROSS "20" WELL NO. : 1
UNIT : SECTION : 20 TOWNSHIP : 18-S
L : 8237 H : 8237 L : 1 G/GMIX : 0.608
%CO2 : 0.528 %N2 : 0.575 H2S : DATE : 6/19/00
d : 1.995 Pr : 0.018231 GH : 5008.1 RANGE : 24-E

Pc = 2258.2 Pc2 = 5099.5 *

Pt2 = 1150.1 Pw = 1150.7 *
1175.5 1111.6 *
1051.0 1078.8 *
966.7 1082.3 *

Pc2-Pw2= 3775.3 Pw2 = 1324.1 *
3863.8 1235.7 *
3935.7 1163.8 *
3928.2 1171.3 *

n = 1.000 *

Pc2/(Pc2-Pw2) = 1.351 *
1.320 *
1.296 *
1.298 *

[Pc2/Pc2-Pw2]n = 1.351 *
1.320 *
1.296 *
1.298 *

AOE= Q 1.366 *
2.100 *
2.810 *
3.787 *

FORM C122-D *

VOL 1 : 1011 PSIA 1 : 1140.2 RESV.TEMP 156.4
VOL 2 : 1591 PSIA 2 : 1084.2
VOL 3 : 2169 PSIA 3 : 1025.2 SHUT-IN PR= 2258.2
VOL 4 : 2917 PSIA 4 : 983.2

PCR : 671
TCR : 388

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	1.011	1.011	1.591	1.591	2.169	2.169	2.917	2.917
2 TW	534	534	534	534	534	534	534	534
3 Ts	616.4	616.4	616.4	616.4	616.4	616.4	616.4	616.4
4 T	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
PR (est)	1.70		1.62		1.53		1.47	
5 Z(est)	0.815	0.799	0.821	0.805	0.829	0.811	0.834	0.813
6 TZ	468.5	459.8	472.4	463.2	476.6	466.5	479.7	467.7
7 GH/TZ	10.689	10.891	10.602	10.813	10.508	10.736	10.440	10.707
8 eS	1.493	1.504	1.488	1.500	1.483	1.496	1.479	1.494
9 l-e-S	0.330	0.335	0.328	0.333	0.326	0.331	0.324	0.331
10 Pt	1140.2	1140.2	1084.2	1084.2	1025.2	1025.2	983.2	983.2
11 Pt2 /1000	1300.1	1300.1	1175.5	1175.5	1051.0	1051.0	966.7	966.7
12 Pr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231
13 Pc=PrTZ	8.541	8.383	8.612	8.444	8.689	8.504	8.745	8.528
14 PcQm	8.64	8.48	13.70	13.43	18.85	18.45	25.51	24.87
15 L/H(PcQm)	74.6	71.8	187.7	180.5	355.2	340.3	650.7	618.8
16 Pw	24.62712	24.08515	61.58884	60.16415	115.6788	112.7686	210.8211	204.61606
17 Pw2	1324.7	1324.1	1237.1	1235.7	1166.7	1163.8	1177.5	1171.3
18 Ps2	1977.9	1992.1	1841.0	1853.5	1730.2	1740.7	1741.8	1750.0
19 Ps	1406.4	1411.4	1356.8	1361.4	1315.4	1319.4	1319.8	1322.9
20 P	1273.3	1275.8	1220.5	1222.8	1170.3	1172.3	1151.5	1153.0
21 Pr	1.90	1.90	1.82	1.82	1.74	1.75	1.72	1.72
22 Tr	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
23 Z	0.799	0.799	0.805	0.805	0.811	0.811	0.813	0.813