

COMPANY : CONCHO RES
 UNIT : H
 L : 8424
 %CO2 : 0.54
 d : 2.441

LEASE : SOUTHERN CROSS 22 WELL NO. 1
 SECTION : 22
 H : 8424
 %N2 : 0.348
 Pr : 0.010763

TOWNSHIP : 18-S
 L/H : 1
 G/GMIX : 0.622
 H2S :
 GH : 5239.7

DATE : 6-19-00
 RANGE : 24-E

VOL 1 : 972 PSIA 1 : 1819.2 RESV.TEMP 158.2
 VOL 2 : 1704 PSIA 2 : 1803.2
 VOL 3 : 3479 PSIA 3 : 1743.2 SHUT-IN PR= 2488.2
 VOL 4 : 7233 PSIA 4 : 1673.2

PCR : 673
 TCR : 364

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
1 QM	0.972	0.972	1.704	1.704	3.479	3.479	7.233	7.233
2 TW	534	534	534	534	534	534	534	534
3 Ts	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
4 T	576.1	576.1	576.1	576.1	576.1	576.1	576.1	576.1
PR (est)	2.70		2.68		2.59		2.49	
5 Z(est)	0.806	0.799	0.807	0.799	0.809	0.801	0.813	0.801
6 TZ	464.4	460.3	464.8	460.5	466.3	461.4	468.3	461.7
7 GH/TZ	11.284	11.383	11.274	11.378	11.237	11.357	11.189	11.350
8 eS	1.527	1.532	1.526	1.532	1.524	1.531	1.521	1.531
9 l-e-S	0.345	0.347	0.345	0.347	0.344	0.347	0.343	0.347
10 Pt	1819.2	1819.2	1803.2	1803.2	1743.2	1743.2	1673.2	1673.2
11 Pt2 /1000	3309.5	3309.5	3251.5	3251.5	3038.7	3038.7	2799.6	2799.6
12 Pr	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.010763	0.0107631
13 Pc=PrTZ	4.998	4.954	5.002	4.957	5.019	4.966	5.040	4.969
14 FcQm	4.86	4.82	8.52	8.45	17.46	17.28	36.46	35.94
15 L/H(FcQm)	23.6	23.2	72.7	71.3	304.9	298.5	1329.1	1291.7
16 Pw	8.142560	8.057420	25.04944	24.77695	104.8316	103.5089	455.4591	447.74962
17 Pw2	3317.6	3317.5	3276.6	3276.3	3143.6	3142.3	3255.1	3247.3
18 Ps2	5065.2	5084.0	5000.7	5019.8	4791.0	4810.6	4952.0	4970.1
19 Ps	2250.6	2254.8	2236.2	2240.5	2188.8	2193.3	2225.3	2229.4
20 P	2034.9	2037.0	2019.7	2021.8	1966.0	1968.3	1949.3	1951.3
21 Pr	3.02	3.03	3.00	3.00	2.92	2.92	2.90	2.90
22 Tr	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
23 Z	0.799	0.799	0.799	0.799	0.801	0.801	0.801	0.801

Pc = 2488.2 Pc2 = 6191.1
 Pt2 = 330 Pw = 1821.4
 3251.5 1810.1
 3038.7 1772.6
 2799.6 1802.0
 Pc2-Pw2= 2873.6 Pw2 = 3317.5
 2914.8 3276.3
 3048.9 3142.3
 2943.8 3247.3
 n = 1.000
 Pc2/(Pc2-Pw2) = 2.154
 2.124
 2.031
 2.103
 [Pc2/Pc2-Pw2]n = 2.154
 2.124
 2.031
 2.103
 AOF= Q 2.094
 3.619
 7.065
 15.212
 FORM C122-D

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