

0 COMPANY :CHEVRON U.S.A. LEASE :MARQUARDT FED. WELL NO. : 2
UNIT :F SECTION : 12 TOWNSHIP : 25
L : 9661 H : 9661 L/H : 1 G/GMIX : 0.720
%CO2 : 0.24 %N2 : 0.61 H2S : DATE :01-12-95
d : 2.443 Fr :0.010740 GH : 6955.9 RANGE : 26

~~PC2=1554~~ ~~PC2=1475~~

Pt2 = 2229.6 Pw = 1501.4 *
2025.5 1450.3 *
1646.6 1336.3 *
1353.0 1255.0 *

VOL 1 : 1584 PSIA 1 : 1493.2 RESV.TEMP 167.0
VOL 2 : 2816 PSIA 2 : 1423.2
VOL 3 : 3725 PSIA 3 : 1283.2 SHUT-IN PR= 1573.2
VOL 4 : 4661 PSIA 4 : 1163.2

Pc2-Pw2= 220.8 Pw2 = 2254.1 *
371.5 2103.4 *
689.2 1785.8 *
900.0 1575.0 *

PCR : 668
TCR : 398

~~15.000~~

Pc2/(Pc2-Pw2) = 11.207

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND
1 QM	1.584	1.584	2.816	2.816	3.725	3.725	4.661	4.661
2 TW	534	534	534	534	534	534	534	534
3 Ts	627.0	627.0	627.0	627.0	627.0	627.0	627.0	627.0
4 T	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5
PR (est)	2.24		2.13		1.92		1.74	
5 Z(est)	0.764	0.744	0.771	0.749	0.786	0.760	0.800	0.772
6 TZ	443.5	431.8	447.5	434.5	456.3	441.4	464.7	447.9
7 GH/TZ	15.684	16.110	15.545	16.009	15.245	15.757	14.969	15.529
8 eS	1.801	1.830	1.791	1.823	1.771	1.806	1.753	1.790
9 [-e-S	0.445	0.453	0.442	0.451	0.435	0.446	0.430	0.441
10 Pt	1493.2	1493.2	1423.2	1423.2	1283.2	1283.2	1163.2	1163.2
11 Pt2 /1000	2229.6	2229.6	2025.5	2025.5	1646.6	1646.6	1353.0	1353.0
12 Fr	0.010740	0.010740	0.010740	0.010740	0.010740	0.010740	0.010740	0.0107401
13 Fc=FrTZ	4.763	4.637	4.806	4.667	4.900	4.741	4.991	4.811
14 FcQm	7.55	7.35	13.53	13.14	18.25	17.66	23.26	22.42
15 L/H(FcQm)	56.9	54.0	183.1	172.7	333.2	311.9	541.1	502.8
16 Fw	25.31342	24.46743	80.90447	77.94809	145.0897	139.1642	232.4415	221.94480
17 Pw2	2255.0	2254.1	2106.4	2103.4	1791.7	1785.8	1585.5	1575.0
18 Ps2	4060.4	4124.2	3773.2	3834.0	3173.6	3224.4	2779.4	2819.5
19 Ps	2015.0	2030.8	1942.5	1958.1	1781.4	1795.7	1667.1	1679.1
20 P	1754.1	1762.0	1682.8	1690.6	1532.3	1539.4	1415.2	1421.2
21 Pr	2.63	2.64	2.52	2.53	2.29	2.30	2.12	2.13
22 Tr	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
23 Z	0.744	0.743	0.749	0.748	0.760	0.760	0.772	0.771

6.662
3.591
~~2.750~~

[Pc2/Pc2-Pw2]n = 6.556

AOF= Q 10.385
12.317
10.073
10.2417

FORM C122-D