

J COMPANY : DUSTY MAC RES. LEASE : MADERA FED. WELL NO. : 1 Pc = 3454.2 Pc2 = 11931.5 *
 UNIT : SECTION : TOWNSHIP :
 C : 15234 H : 15234 L/H : 1 G/GMIX : 0.657 Pt2 = ***** Pw = 3336.0 *
 XCO2 : 0.59 XN2 : 0.42 H2S : DATE : 11 9 93 9999.5 3177.4 *
 d : 2.456 Fr : 0.010592 GH : 10008.7 RANGE : 8307.1 2924.6 *
 4109.5 2169.1 *

VOL 1 : 1253 PSIA 1 : 3332.2 RESV. TEMP 226.3 Pc2-Pw2= 802.3 Pw2 = 11129.2 *
 VOL 2 : 2451 PSIA 2 : 3162.2 1835.7 10095.8 *
 VOL 3 : 3974 PSIA 3 : 2882.2 SHUT-IN PR= 3454.1 3378.3 8553.2 *
 VOL 4 : 6358 PSIA 4 : 2027.2 7226.6 4704.9 *
 POR : 670 n = 0.815
 TCR : 375

LINE		RATE 1		RATE 2		RATE 3		RATE 4		
		1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	
1	QM	1.253	1.253	2.451	2.451	3.974	3.974	6.358	6.358	
2	TW	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n = 9.026
3	Ts	686.3	686.3	686.3	686.3	686.3	686.3	686.3	686.3	4.597
4	T	610.2	610.2	610.2	610.2	610.2	610.2	610.2	610.2	2.797
	PR (est)	4.97		4.72		4.30		3.03		1.505
5	Z (est)	0.840	0.883	0.832	0.870	0.822	0.852	0.818	0.816	
6	TZ	511.8	538.8	507.9	531.1	501.8	519.8	499.0	498.0	AOT= Q 11.309
7	GH/TZ	19.531	18.577	19.708	18.845	19.945	19.257	20.057	20.099	11.168
8	eS	2.080	2.007	2.094	2.027	2.113	2.059	2.121	2.125	11.113
9	(e-s)	0.519	0.502	0.522	0.507	0.527	0.514	0.529	0.529	9.567
10	Pr	3332.2	3332.2	3162.2	3162.2	2882.2	2882.2	2027.2	2027.2	
11	Pt2 /1000	11103.6	11103.6	9999.5	9999.5	8307.1	8307.1	4109.5	4109.5	
12	Fr	0.010592	0.010592	0.010592	0.010592	0.010592	0.010592	0.010592	0.010592	
13	Fc=FrTZ	5.428	5.707	5.379	5.626	5.315	5.505	5.286	5.275	
14	FcQm	6.80	7.15	6.718	7.079	6.412	6.688	6.361	6.354	
15	L/H(FcQm)	46.3	51.1	473.8	190.1	446.2	473.7	1129.4	1124.7	
16	Pw	24.02044	25.65422	26.81941	26.33801	234.8943	246.1681	597.0617	595.37885	
17	Pw2	11127.6	11109.2	10090.3	10095.3	8540.1	8553.2	4706.6	4704.9	
18	Ps2	23146.0	22336.5	21128.3	20467.1	18046.0	17609.4	9985.0	9997.4	
19	Ps	4811.0	4726.2	4596.6	4524.1	4248.1	4196.4	3159.9	3161.9	
20	P	4071.6	4029.1	3879.4	3843.1	3563.1	3539.3	2593.6	2594.5	
21	Pr	6.08	6.01	5.79	5.74	5.22	5.28	3.87	3.87	
22	Tr	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	
23	Z	0.883	0.880	0.870	0.868	0.852	0.850	0.816	0.816	FORM C102-D