0 COMPANY :MURCHISON OIL & GAS LEASE :C. VALLEY 25 FED. WELL NO. : 1

UNIT : I SECTION 25 TOWNSHIP : 16

L : 9248 H : 9248 L/H : 1 G/GMIX : 0.857

%CO2 : 20.775 %N2 : 7.764 H2S : DATE : 8 10 00

d : 1.995 Fr :0.018231 GH : 7925.5 RANGE : 27

VOL 1 : 129 PSIA 1 : 2163.2 RESV.TEMP 149.9

VOL 2 : 216 PSIA 2 : 2008.2

VOL 3 : 304 PSIA 3 : 1813.2 SHUT-IN PR= 2283.2

VOL 4 : 404 PSIA 4 : 1608.2

PCR : 737

TCR : 387

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	`1ST	`2ND	`1ST	``2ND	`1ST	`2ND	`1ST	`2ND
1 QM	0.129	0.129	0.216	0.216	0.304	0.304	0.404	0.404
2 TW	534	534	534	534	534	534	534	534
3 Ts	609.9	609.9	609.9	609.9	609.9	609.9	609.9	609.9
4 T	572.0	572.0	572.0	572.0	572.0	572.0	572.0	572.0
PR (est)	2.94		2.72		2.46		2.18	
5 Z(est)	0.746	0.741	0.752	0.741	0.763	0.745	0.778	0.756
6 TZ	426.6	423.7	430.1	423.7	436.3	426.3	445.0	432.4
7 GH/TZ	18.578	18.707	18.429	18.706	18.166	18.592	17.810	18.331
8 eS	2.007	2.017	1.996	2.017	1.976	2.008	1.950	1.989
9 1-e-S	0.502	0.504	0.499	0.504	0.494	0.502	0.487	0.497
10 Pt	2163.2	2163.2	2008.2	2008.2	1813.2	1813.2	1608.2	1608.2
11 Pt2 /1000	4679.4	4679.4	4032.9	4032.9	3287.7	3287.7	2586.3	2586.3
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.0182311
13 Fc=FrTZ	7.778	7.724	7.841	7.725	7.954	7.772	8.113	7.882
14 FcQm	1.00	1.00	1.69	1.67	2.42	2.36	3.28	3.18
15 L/H(FcQm)	1.0	1.0	2.9	2.8	5.8	5.6	10.7	10.1
16 Fw	0.505095	0.500516	1.431110	1.403458	2.888263	2.802267	5.233852	5.0413962
17 Pw2	4679.9	4679.9	4034.3	4034.3	3290.6	3290.5	2591.5	2591.3
18 Ps2	9392.9	9438.6	8051.9	8135.9	6503.2	6607.7	5053.8	5153.0
19 Ps	3064.8	3072.2	2837.6	2852.4	2550.1	2570.5	2248.1	2270.0
20 P	2614.0	2617.7	2422.9	2430.3	2181.7	2191.9	1928.1	1939.1
21 Pr	3.55	3.55	3.29	3.30	2.96	2.97	2.62	2.63
22 Tr	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
23 Z	0.741	0.741	0.741	0.741	0.745	0.745	0.756	0.755

Pc - 2283.2 Pc2 - 5213.0

Pt2 =	4679.4	Pw =	2163.3
	4032.9		2008.5
	3287.7		1814.0
	2586.3		1609.8
Pc2-Pw2=	533.1	Pw2 =	4679.9
	1178.7		4034.3
	1922.5		3290.5
	2621.7		2591.3
		n =	0.794
Pc2/(Pc2-Pw2) =			9.779
			4.423
			2.712
			1.988
[Pc2/Pc2-Pw2]n =			6.116
			3.257
			2.208
			1.726
		AOF= Q	0.789
			0.703
			0.671
			0.697

FORM C122-D