

COMPANY : W A MONCRIEF	LEASE : MARATHON ST	WELL NO. : 1	Pc = 2513.2	Pc2 = 6316.2 *					
UNIT : J	SECTION : 11	TOWNSHIP : 24		*					
L : 9175	H : 9175	L/H : 1	G/GMIX : 0.596	Pt2 = 629.2					
%CO2 : 0.42	%N2 : 0.56	H2S :	DATE : 5 18 91	Pw = 798.3 *					
d : 1.995	Fr : 0.018231	GH : 5468.3	RANGE : 24	317.2					
				571.2 *					
				273.7					
				531.6 *					
				219.2					
				477.0 *					
				*					
VOL 1 : 528	PSIA 1 : 793.2	RESV.TEMP 165.8	Pc2-Pw2= 5678.9	Pw2 = 637.2 *					
VOL 2 : 550	PSIA 2 : 563.2		5990.0	326.2 *					
VOL 3 : 545	PSIA 3 : 523.2	SHUT-IN PR= 2513.2	6033.5	282.6 *					
VOL 4 : 525	PSIA 4 : 468.2		6088.6	227.5 *					
				*					
	PCR : 672		n = 1.000	*					
	TCR : 354			*					
			Pc2/(Pc2-Pw2) = 1.112	*					
			1.054	*					
			1.047	*					
			1.037	*					
				*					
LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	
1 QM	0.528	0.528	0.550	0.550	0.545	0.545	0.525	0.525	
2 TW	534	534	534	534	534	534	534	534	
3 Ts	625.8	625.8	625.8	625.8	625.8	625.8	625.8	625.8	Pc2/Pc2-Pw2)n = 1.112
4 T	579.9	579.9	579.9	579.9	579.9	579.9	579.9	579.9	1.054
PR (est)	1.18		0.84		0.78		0.70		1.047
5 Z(est)	0.895	0.887	0.917	0.911	0.921	0.915	0.926	0.921	1.037
6 TZ	519.1	514.5	531.7	528.0	533.9	530.5	537.1	534.0	
7 GH/TZ	10.534	10.629	10.285	10.356	10.241	10.308	10.181	10.241	ADF= Q 0.587
8 eS	1.484	1.490	1.471	1.475	1.468	1.472	1.465	1.468	0.580
9 l-e-S	0.326	0.329	0.320	0.322	0.319	0.321	0.317	0.319	0.571
10 Pt	793.2	793.2	563.2	563.2	523.2	523.2	468.2	468.2	0.545
11 Pt2 /1000	629.2	629.2	317.2	317.2	273.7	273.7	219.2	219.2	
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	
13 Fc=FrTZ	9.464	9.380	9.693	9.627	9.734	9.672	9.792	9.735	
14 FcQm	5.00	4.95	5.33	5.29	5.31	5.27	5.14	5.11	
15 L/H(FcQm)	25.0	24.5	28.4	28.0	28.1	27.8	26.4	26.1	
16 Fw	18.148321	18.062514	19.095226	19.021786	18.975846	18.907588	18.387629	18.3295718	
17 Pw2	637.3	637.2	326.3	326.2	282.7	282.6	227.6	227.5	
18 Ps2	946.1	949.3	479.9	481.0	415.1	416.0	333.4	334.1	
19 Ps	972.7	974.3	692.7	693.6	644.3	645.0	577.4	578.0	
20 P	882.9	883.8	628.0	628.4	583.7	584.1	522.8	523.1	
21 Pr	1.31	1.32	0.93	0.94	0.87	0.87	0.78	0.78	
22 Tr	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
23 Z	0.887	0.887	0.911	0.911	0.915	0.915	0.921	0.921	FORM C122-D