

0 COMPANY : MEWBOURNE OIL CO. LEASE : DR "34" ST. WELL NO. : 1 Pc = 1206.2 Pc2 = 1454.9 *
UNIT : 0 SECTION : 34 TOWNSHIP : 18 *
L : 10944 H : 10944 L/H : 1 G/GMIX : 0.643 Pt2 = 1248.1 Pw = 1118.9 *
%CO2 : 0.7 %N2 : 0.28 H2S : DATE : 7 8 97 984.5 1000.9 *
d : 1.995 Fr : 0.018231 GH : 7037.0 RANGE : 28 780.0 901.3 *
===== 534.7 765.9 *
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VOL 1 : 337 PSIA 1 : 1117.2 RESV.TEMP 183.4 Pc2-Pw2= 203.0 Pw2 = 1251.9 *
VOL 2 : 711 PSIA 2 : 992.2 453.2 1001.7 *
VOL 3 : 965 PSIA 3 : 883.2 SHUT-IN PR= 1206.2 642.6 812.3 *
VOL 4 : 1210 PSIA 4 : 731.2 868.3 586.6 *
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PCR : 670 n = 0.881 *
TCR : 372 *
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LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	
1 QH	0.337	0.337	0.711	0.711	0.965	0.965	1.210	1.210	Pc2/(Pc2-Pw2) = 7.168
2 TW	534	534	534	534	534	534	534	534	3.210
3 Ts	643.4	643.4	643.4	643.4	643.4	643.4	643.4	643.4	2.264
4 T	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	1.676
PR (est)	1.67		1.48		1.32		1.09		
5 Z(est)	0.852	0.838	0.864	0.850	0.875	0.861	0.891	0.877	[Pc2/Pc2-Pw2]n = 5.670
6 TZ	501.8	493.4	508.7	500.4	515.0	506.9	524.3	516.5	2.794
7 GH/TZ	14.023	14.263	13.834	14.063	13.664	13.883	13.422	13.625	2.054
8 eS	1.692	1.707	1.680	1.694	1.669	1.683	1.654	1.667	1.576
9 l-e-S	0.409	0.414	0.405	0.410	0.401	0.406	0.395	0.400	AOF= Q 1.911
10 Pt	1117.2	1117.2	992.2	992.2	883.2	883.2	731.2	731.2	1.987
11 Pt2 /1000	1248.1	1248.1	984.5	984.5	780.0	780.0	534.7	534.7	1.982
12 Fr	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	0.018231	1.907 ✓
13 Fc=FrTZ	9.149	8.995	9.273	9.122	9.389	9.241	9.559	9.416	
14 FcQm	3.08	3.03	6.59	6.49	9.06	8.92	11.57	11.39	
15 L/H(FcQm)	9.5	9.2	43.5	42.1	82.1	79.5	133.8	129.8	
16 Fw	3.887397	3.806371	17.59622	17.24184	32.91322	32.27322	52.90305	51.930112	
17 Pw2	1252.0	1251.9	1002.1	1001.7	813.0	812.3	587.6	586.6	
18 Ps2	2118.3	2137.3	1683.4	1697.4	1357.1	1367.2	971.9	977.8	
19 Ps	1455.4	1462.0	1297.5	1302.8	1164.9	1169.3	985.9	988.8	
20 P	1286.3	1289.6	1144.8	1147.5	1024.1	1026.2	858.5	860.0	
21 Pr	1.92	1.92	1.71	1.71	1.53	1.53	1.28	1.28	
22 Tr	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	
23 Z	0.838	0.838	0.850	0.850	0.861	0.861	0.877	0.877	FORM C122-D