

COMPANY : MEWBOURNE OIL LEASE : CHALK BLUFF FED.COMWELL NO. : 3
 UNIT : I SECTION : 1 TOWNSHIP : 13
 L : 9961 H : 9961 L/H : 1 G/GMIX : 0.849
 %CO2 : 0.42 %N2 : 0.33 H2S : DATE :
 d : 2.278 Fr : 0.012892 GH : 8456.9 RANGE : 27

Pc = 2273.2 Pc2 = 5167.4 *
 Pt2 = 5031.9 Pw = 2244.7 *
 4810.1 2199.5 *
 4465.6 2132.7 *
 4053.0 2055.4 *

VOL 1 : 655 PSIA 1 : 2243.2 RESV.TEMP 173.6 Pc2-Pw2= 128.6 Pw2 = 5033.8 *
 VOL 2 : 1310 PSIA 2 : 2193.2 329.8 4837.6 *
 VOL 3 : 2283 PSIA 3 : 2113.2 SHUT-IN PR= 2273.2 618.9 4548.6 *
 VOL 4 : 3294 PSIA 4 : 2013.2 942.6 4224.8 *

PCR : 668 n = 0.884
 TCR : 401

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	
1 GM	0.655	0.655	1.310	1.310	2.283	2.283	3.294	3.294	
2 TW	534	534	534	534	534	534	534	534	
3 Ts	633.6	633.6	633.6	633.6	633.6	633.6	633.6	633.6	
4 T	583.8	583.8	583.8	583.8	583.8	583.8	583.8	583.8	
PR (est)	3.36		3.28		3.16		3.01		
5 Z(est)	0.727	0.738	0.727	0.736	0.723	0.733	0.731	0.730	
6 TZ	424.5	430.8	424.6	429.5	425.2	427.7	426.5	426.0	
7 GH/TZ	19.924	19.629	19.918	19.691	19.891	19.774	19.829	19.852	
8 eS	2.111	2.088	2.110	2.093	2.108	2.099	2.104	2.105	
9 l-e-S	0.526	0.521	0.526	0.522	0.526	0.524	0.525	0.525	
10 Pt	2243.2	2243.2	2193.2	2193.2	2113.2	2113.2	2013.2	2013.2	
11 Pt2 /1000	5031.9	5031.9	4810.1	4810.1	4465.6	4465.6	4053.0	4053.0	
12 Fr	0.012892	0.012892	0.012892	0.012892	0.012892	0.012892	0.012892	0.0128924	
13 Fc=FrTZ	5.472	5.555	5.474	5.537	5.481	5.514	5.498	5.492	
14 FcGn	3.58	3.64	7.17	7.25	12.51	12.59	13.11	18.09	
15 L/H(FcGn)	12.8	13.2	51.4	52.6	156.6	153.5	328.0	327.3	
16 Fw	5.761363	5.856363	27.05758	27.47157	52.32401	52.97238	172.0865	171.83059	
17 Pw2	5038.7	5038.8	4837.2	4837.6	4547.9	4548.6	4225.1	4224.8	
18 Ps2	10636.7	10519.8	10208.7	10123.1	9588.7	9547.9	8897.4	8894.3	
19 Ps	3261.4	3243.4	3195.1	3181.7	3096.6	3090.0	2981.2	2982.3	
20 P	2752.3	2743.3	2694.2	2687.4	2604.9	2601.6	2497.2	2497.8	
21 Pr	4.12	4.11	4.03	4.02	3.90	3.89	3.74	3.74	
22 Tr	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	
23 I	0.733	0.733	0.736	0.733	0.733	0.732	0.730	0.730	

Pc2/(Pc2-Pw2) = 40.184
 15.666
 8.350
 5.482

[Pc2/Pc2-Pw2]n = 26.181
 11.386
 6.528
 4.500

AOF= Q 17.148
 14.915
 14.903
 14.823