

COMPANY : MENBOURNE OIL LEASE : CHALK BLUFF FED.COMWELL NO. : 3
 UNIT : I SECTION : 1 TOWNSHIP : 15
 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
 VOL 2 : 1310 PSIA 2 : 2193.2
 VOL 3 : 2283 PSIA 3 : 2113.2 SHUT-IN PR= 2273.2
 VOL 4 : 3294 PSIA 4 : 2013.2

Pc2-Pw2= 128.6 Pw2 = 5038.8 *
 329.8 4837.6 *
 618.9 4548.6 *
 942.6 4224.8 *

PCR : 668
 TCR : 401

n = 0.884

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

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND
1 QM	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	0.728	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	0.012892
13 Fc=FrTZ	5.472	5.555	5.474	5.537	5.481	5.514	5.498	5.492
14 FcQm	3.58	3.64	7.17	7.25	12.51	12.59	18.11	18.09
15 L/H(FcQm)	12.8	13.2	51.4	52.6	156.6	158.5	328.0	327.3
16 Fw	6.761363	6.896568	27.05758	27.47157	82.32401	82.97298	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	8887.4	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 Z	0.738	0.738	0.736	0.735	0.733	0.732	0.730	0.730

[Pc2/Pc2-Pw2]n = 26.181
 11.386
 6.528
 4.500
 AOF= Q 17.148
 14.915
 14.903
 14.823

FORM C122-D