

COMPANY : MERIDIAN OIL INC LEASE : SHEPHERD B WELL NO. : 7 Pc = 199.2 Pc2 = 39.7 *
 UNIT : B SECTION : 5 TOWNSHIP : 26 Pt2 = 36.2 Pw = 190.2 *
 L : 2715 H : 2715 L/H : 1 G/GHIX : 0.708 DATE : 6 19 91 32.1 179.2 *
 %CO2 : 3.31 %N2 : 1.3 H2S : RANGE : 37 28.3 168.3 *
 d : 3.868 Fr : 0.003234 GH : 1922.2 22.3 149.4 *
 =====

VOL 1 : 141 PSIA 1 : 190.2 RESV.TEMP 101.2 Pc2-Pw2= 3.5 Pw2 = 36.2 *
 VOL 2 : 220 PSIA 2 : 179.2 7.6 32.1 *
 VOL 3 : 287 PSIA 3 : 168.2 SHUT-IN PR= 199.2 11.4 28.3 *
 VOL 4 : 389 PSIA 4 : 149.2 17.4 22.3 *
 =====

PCR : 679 n = *
 TCR : 384 *
 =====

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	'1ST	'2ND	
1 QM	0.141	0.141	0.220	0.220	0.287	0.287	0.389	0.389	[Pc2/(Pc2-Pw2)]n = 1.000
2 TW	534	534	534	534	534	534	534	534	5.255
3 Ts	561.2	561.2	561.2	561.2	561.2	561.2	561.2	561.2	3.493
4 T	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	2.285
PR (est)	0.28		0.26		0.25		0.22		
5 Z(est)	0.943	0.942	0.945	0.944	0.947	0.946	0.950	0.949	
6 TZ	516.6	516.0	517.6	517.0	518.6	518.1	520.4	519.9	ADF= Q 0.141
7 GH/TZ	3.721	3.726	3.714	3.718	3.706	3.710	3.694	3.697	0.220
8 eS	1.150	1.150	1.149	1.150	1.149	1.149	1.149	1.149	0.287
9 1-e-S	0.130	0.130	0.130	0.130	0.130	0.130	0.129	0.129	0.389
10 Pt	190.2	190.2	179.2	179.2	168.2	168.2	149.2	149.2	
11 Pt2 /1000	36.2	36.2	32.1	32.1	28.3	28.3	22.3	22.3	
12 Fr	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	
13 Fc=FrTZ	1.671	1.669	1.674	1.672	1.677	1.675	1.683	1.681	
14 FcQm	0.24	0.24	0.37	0.37	0.48	0.48	0.65	0.65	
15 L/H(FcQm)	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	
16 Fw	0.007227	0.007217	0.017631	0.017609	0.030069	0.030034	0.055440	0.0553831	
17 Pw2	36.2	36.2	32.1	32.1	28.3	28.3	22.3	22.3	
18 Ps2	41.6	41.6	36.9	36.9	32.5	32.5	25.6	25.6	
19 Ps	204.0	204.0	192.2	192.2	180.4	180.4	160.1	160.1	
20 P	197.1	197.1	185.7	185.7	174.3	174.3	154.6	154.7	
21 Pr	0.29	0.29	0.27	0.27	0.26	0.26	0.23	0.23	
22 Tr	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	
23 Z	0.942	0.942	0.944	0.944	0.946	0.946	0.949	0.949	FORM C122-D

COMPANY : MERIDIAN OIL INC LEASE : SHEPHERD B WELL NO. : 7 Pc = 199.2 Pc2 = 39.7 ***
 UNIT : B SECTION : 5 TOWNSHIP : 26 Pt2 = 17.2 Pw = 131.5 ***
 L : 2715 H : 2715 L/H : 1 G/GMIX : 0.708 DATE : 6 19 91 0.0 ERR ***
 %CO2 : 3.31 %N2 : 1.3 H2S : RANGE : 37 0.0 ERR ***
 d : 3.868 Fr : 0.003234 GH : 1922.2 0.0 ERR ***

VOL 1 : 448 PSIA 1 : 131.2 RESV.TEMP 101.2 Pc2-Pw2= 22.4 Pw2 = 17.3 ***
 VOL 2 : 0 PSIA 2 : 0.0 SHUT-IN PR= 199.2 ERR ERR ***
 VOL 3 : 0 PSIA 3 : 0.0 ERR ERR ***
 VOL 4 : 0 PSIA 4 : 0.0 ERR ERR ***

PCR : 679

TCR : 384

n = 0.673

Pc2/(Pc2-Pw2) = 1.772

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	
1 QM	0.448	0.448	0.000	0.000	0.000	0.000	0.000	0.000	ERR ***
2 TW	534	534	534	534	534	534	534	534	ERR ***
3 Ts	561.2	561.2	561.2	561.2	561.2	561.2	561.2	561.2	ERR ***
4 T	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	ERR ***
PR (est)	0.19		0.00		0.00		0.00		ERR ***
5 Z(est)	0.953	0.953	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
6 TZ	522.0	521.6	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
7 GH/TZ	3.682	3.685	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
8 eS	1.148	1.148	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
9 1-e-S	0.129	0.129	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
10 Pt	131.2	131.2	0.0	0.0	0.0	0.0	0.0	0.0	ERR ***
11 Pt2 /1000	17.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	ERR ***
12 Fr	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234	ERR ***
13 Fc=FrTZ	1.688	1.687	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
14 FcQm	0.76	0.76	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
15 L/H(FcQm)	0.6	0.6	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
16 Fw	0.073784	0.073716	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
17 Pw2	17.3	17.3	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
18 Ps2	19.8	19.8	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
19 Ps	140.9	140.9	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
20 P	136.0	136.0	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
21 Pr	0.20	0.20	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***
22 Tr	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	ERR ***
23 Z	0.953	0.953	ERR	ERR	ERR	ERR	ERR	ERR	ERR ***

[Pc2/Pc2-Pw2]n = 1.470

AOF= Q 0.658

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