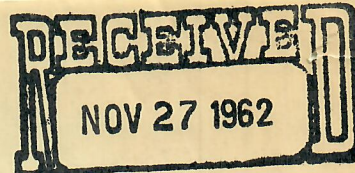




99999999

069-05142

CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXASOIL & GAS  
CONSERVATION COMMISSION

Company W.C. McBRIDE INC.  
MULE CREEK OIL COMPANY INC. Formation LYONS Page        of         
Well NO.1 STATE Cores DIAMOND CONVENTIONAL File RP-2-2896  
Field FT. COLLINS AREA Drilling Fluid WBM Date Report 10-26-62  
County LARIMER State COLORADO Elevation 5278 KB Analysts WSP-WHL  
Location SE NW 36-9N-69W Remarks CONVENTIONAL ANALYSIS

CORE ANALYSIS RESULTS  
(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	TOTAL WATER % PORE		
1	6002-03	0.0	0.0	3.4	20.6	38.2		ss, vfg, carbs
2	03-04	1.9	1.0	10.1	32.7	41.6		ss, vfg, slty
3	04-05	1.7	0.3	11.4	35.1	49.1		ss, vfg, slty
4	05-06	22	17	14.5	24.1	57.2		ss, vfg
5	06-07	27	0.2	8.1	33.4	38.3		ss, vfg
6	07-08	17	15	10.1	4.9	68.4		ss, vfg
7	08-09	17	0.6	12.4	5.6	77.4		ss, vfg
8	09-10	10	2.2	12.1	4.1	76.0		ss, vfg
9	10-11	5.0	1.0	12.0	1.7	75.0		ss, vfg, VERTICAL FRACTURE
10	11-12	12	4.3	10.0	2.0	77.0		ss, vfg
11	12-13	7.4	0.1	10.4	1.9	76.9		ss, vfg, VERTICAL FRACTURE
12	13-14	13	4.0	13.1	1.5	79.4		ss, vfg
13	14-15	10	6.4	13.2	0.0	84.9		ss, vfg
14	15-16	3.3	0.1	11.8	0.0	76.3		ss, vfg
15	16-17	11	5.3	13.8	0.0	84.9		ss, vfg, VERTICAL FRACTURE
16	17-18	40	29	13.5	0.0	83.0		ss, vfg
17	18-19	6.2	0.2	14.8	0.0	84.5		ss, vfg
18	19-20	6.2	0.2	11.6	0.0	81.0		ss, vfg
19	20-21	3.3	0.9	12.3	0.0	67.4		ss, vfg
20	21-22	13	0.4	12.2	4.1	68.0		ss, vfg
21	22-23	1.0	0.1	11.1	0.0	72.0		ss, vfg
22	23-24	1.6	0.6	10.8	0.0	70.3		ss, vfg
23	24-25	50	46	17.2	0.0	77.4		ss, vfg
24	25-26	26	0.3	20.0	2.5	76.0		ss, vfg, VERTICAL FRACTURE
25	26-27	40	0.9	16.2	1.2	71.0		ss, vfg
26	27-28	19	0.2	19.0	2.6	78.4		ss, vfg
27	28-29	19	1.6	14.3	1.4	70.0		ss, vfg
28	29-30	10	5.2	13.3	0.0	70.6		ss, vfg
29	30-31	11	0.3	10.3	0.0	59.2		ss, vfg
30	31-32	0.4	0.1	9.4	5.3	55.4		ss, vfg
31	32-33	0.4	0.1	8.7	0.0	59.8		ss, vfg
32	33-34	1.3	0.1	10.1	0.0	62.4		ss, vfg
33	34-35	0.7	0.1	10.0	0.0	62.0		ss, vfg
34	35-36	0.1	0.0	7.9	0.0	60.8		ss, vfg

## NOTE:

(\*) REFER TO ATTACHED LETTER.

(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

(2) OFF LOCATION ANALYSIS—INTERPRETATION OF RESULTS.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but the company assumes no responsibility and makes no warranty or representations, as to the productivity, proper operation,



00260040