



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

April 3, 1981

M & M Oil Exploration  
Box 321  
Colony, Kansas 66015

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Hill Lease, Well No. 9, located in Section 1, T-24S, R-23E, Bourbon County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on April 1, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Colony, Ks.

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOG

Name M & M Oil Exploration Lease Hill Well No. 9

Depth Interval,  
Feet

Description

SQUIRREL SAND

187.0 - 188.7

Light brown and gray laminated sandstone and shale.

188.7 - 190.9

Brown sandstone.

190.9 - 191.4

Grayish brown shaly sandstone.

191.4 - 192.1

Brown sandstone.

192.1 - 199.0

Brown calcareous sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company M & M Oil Exploration Lease Hill Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	187.4	13.6	30	60	90	317	5.4
2	188.4	17.0	36	48	84	475	7.8
3	189.5	18.5	45	38	83	646	24.
4	190.5	20.2	47	34	81	737	36.
5	191.6	18.8	35	38	73	511	14.
6	192.5	19.0	45	35	80	663	3.3
7	193.5	21.5	39	30	69	651	2.1
8	194.6	16.1	51	38	89	637	1.6
9	195.7	15.7	34	53	87	414	2.2
10	196.6	17.2	46	42	88	614	2.7
11	197.5	19.2	37	48	83	551	2.0
12	198.4	20.2	47	34	81	737	3.4