



# OILFIELD RESEARCH LABORATORIES

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

April 10, 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. 10, located in Section 1, T-24S, R-23E, in Bourbon County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on April 2, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Colony, Kansas

- REGISTERED ENGINEERS -

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

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LOGName M & M Oil Exploration Lease Hill Well No. 10

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
202.5 - 203.2	Grayish light brown shaly sandstone.
203.2 - 205.4	Brown sandstone.
205.4 - 206.0	Brown slightly shaly sandstone.
206.0 - 208.2	Brown sandstone.
208.2 - 208.8	Brown slightly shaly slightly calcareous sandstone.
208.8 - 211.8	Brown slightly calcareous sandstone.
211.8 - 213.2	Brown slightly calcareous shaly sandstone.
213.2 - 217.5	Brown slightly calcareous sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company M & M Oil Exploration Lease Hill Well No. 10

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	202.8	15.3	47	48	95	558	1.5
2	203.7	18.4	27	47	74	385	11.
3	204.7	19.2	29	41	70	432	13.
4	205.6	9.7	40	57	97	301	8.2
5	206.5	14.4	41	16	57	458	20.
6	207.5	14.7	56	27	83	639	16.
7	208.5	13.7	41	39	80	436	9.2
8	209.5	14.9	67	16	83	775	17.
9	210.5	17.5	42	43	85	570	11.
10	211.5	16.3	46	37	83	582	10.
11	212.5	14.9	57	39	96	659	6.7
12	213.5	16.1	35	56	91	437	16.
13	214.5	17.8	33	47	80	456	22.
14	215.5	19.4	51	24	75	768	25.
15	216.5	20.0	37	42	79	574	31.
16	217.4	20.5	40	33	73	636	65.