



# OILFIELD RESEARCH LABORATORIES

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

April 30, 1981

M & M Oil Exploration  
Box 321  
Colony, Kansas 66015

Gentlemen:

Attached here to are the results of tests run on the rotary core taken from the Hall #1 Lease, Well No. 3, located in T-24S, R23E, in 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 24, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Colony, Ks.

**OILFIELD RESEARCH LABORATORIES**

LOG

Name M & M Oil Exploration Lease Hall #1 Well No. 3

<u>Depth Interval, Feet</u>	<u>Description</u>
	SQUIRREL SAND
370.0 - 371.0	Grayish light brown slightly calcareous salt and pepper shaly sandstone.
371.0 - 371.8	Grayish light brown slightly calcareous shaly sandstone.
371.8 - 372.8	Light brown slightly calcareous sandstone.
372.8 - 374.2	Grayish light brown slightly calcareous shaly sandstone.
374.2 - 375.2	Light brown slightly calcareous sandstone.
375.2 - 375.7	Grayish light brown slightly calcareous shaly sandstone.
375.7 - 376.9	Brown slightly calcareous sandstone.
376.9 - 377.6	Grayish brown slightly calcareous shaly sandstone.

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## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company M & M Oil Exploration Lease Hall #1 Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	370.5	15.9	64	32	96	798	9.1
2	371.4	17.3	61	30	91	819	9.3
3	372.5	14.9	44	42	86	509	13.
4	373.6	19.5	49	40	89	741	7.2
5	374.5	18.3	51	33	84	724	22.
6	375.3	12.4	45	48	93	433	3.3
7	376.6	14.8	67	29	96	769	12.
8	377.5	15.1	26	64	90	304	5.7