



OILFIELD RESEARCH LABORATORIES

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

February 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. 7, 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 submitted to our laboratory on January 30, 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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LOG

Name M & M Oil Exploration Lease Hill Well No. 7

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
178.5 - 180.2	Brown sandstone.
180.2 - 180.8	Brown slightly shaly sandstone.
180.8 - 183.5	Brown sandstone.
183.5 - 184.0	Brown and gray laminated sandstone and shale.
184.0 - 186.2	Brown slightly calcareous sandstone.
186.2 - 187.0	Hard brown calcareous sandstone.
187.0 - 190.3	Brown slightly calcareous sandstone.

SQUIRREL SAND

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company M & M Oil Exploration Lease Hill Well No. 7

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	178.7	19.7	40	37	77	611	27.
2	179.5	20.3	51	26	77	803	24.
3	180.5	19.1	42	35	77	622	9.2
4	181.5	21.2	47	27	74	773	38.
5	182.5	20.4	44	33	77	696	32.
6	183.4	16.1	62	35	97	774	11.
7	184.4	16.7	58	36	94	751	15.
8	185.5	19.7	42	37	79	642	33.
9	186.5	11.3	45	37	82	394	3.7
10	187.5	16.7	49	37	86	635	18.
11	188.5	23.4	43	33	76	781	71.
12	189.5	22.4	51	36	87	886	58.