



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 hereto are the results of tests run on the rotary core taken from the Hall #2 Lease, Well No. 2, located 440' West of the East Line and 440' North of the South Line, in the Northwest $\frac{1}{4}$, of Section 2, 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 April 24, 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 Hall #2 Well No. 2

Depth Interval,
Feet

Description

SQUIRREL SAND

370.0 - 370.8

Grayish light brown slightly calcareous shaly sandstone.

370.8 - 371.9

Grayish light brown slightly calcareous sandstone.

371.9 - 377.3

Grayish light brown slightly calcareous shaly sandstone.

377.3 - 378.0

Brown slightly calcareous sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company M & M Oil Exploration Lease Hall #2 Well No. 2

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation | | | Oil Content Bbls. / A Ft. | Perm., Mill. |
|------------|-------------|------------------|--------------------|-------|-------|---------------------------|--------------|
| | | | Oil | Water | Total | | |
| 1 | 370.4 | 14.9 | 28 | 57 | 85 | 324 | 0.89 |
| 2 | 371.4 | 16.5 | 24 | 57 | 81 | 307 | 11. |
| 3 | 372.5 | 15.8 | 31 | 61 | 92 | 380 | 2.5 |
| 4 | 373.4 | 15.1 | 48 | 47 | 95 | 562 | 2.6 |
| 5 | 374.6 | 16.8 | 45 | 43 | 88 | 587 | 1.9 |
| 6 | 375.6 | 16.8 | 36 | 55 | 91 | 469 | 8.9 |
| 7 | 376.4 | 9.2 | 21 | 70 | 91 | 150 | 0.30 |
| 8 | 377.4 | 14.7 | 29 | 36 | 65 | 331 | 21. |