



OILFIELD RESEARCH LABORATORIES

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

March 17, 1982

Oaks Petroleum, Inc.
c/o Calvin T. Oaks, Jr.
R R # 2
Stoystown, Pennsylvania 15563

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Miller-Graves Lease, Well No. 0-74, located in the Northeast $\frac{1}{4}$ in Section 15, T-17S, R-21E, in Franklin County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on March 16, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

2 c to Stoystown, PA
3 c to Paola, KS

- REGISTERED ENGINEERS -

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

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LOGName Oaks Petroleum, Inc. Lease Miller-Graves Well No. 0-74

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>1st SQUIRREL SAND</u>
587.0 - 589.4	Grayish light brown very shaly sandstone containing a vertical fracture. .
589.4 - 590.1	Brown slightly shaly sandstone with vertical calcareous partings.
590.1 - 592.0	No core.
591.0 - 593.0	Light brown very shaly sandstone.
593.0 - 594.8	Brown slightly shaly sandstone with gray shale partings.
594.8 - 595.0	Gray very shaly sandstone.
595.0 - 596.3	Gray very shaly sandstone with brown sandstone partings.
596.3 - 597.0	Brown sandstone.
597.0 - 604.4	Grayish brown very shaly sandstone.
604.4 - 604.7	Brown sandstone.
604.7 - 605.0	Gray and brown laminated shale and sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Oaks Petroleum, Inc. Lease Miller-Graves Well No. 0-74

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	588.5	16.7	24	66	90	311	0.28
2	592.5	19.7	34	42	76	520	2.9
3	593.5	20.3	52	28	80	819	8.7
4	596.5	21.0	44	35	79	717	20.
5	600.5	16.2	48	46	94	603	0.28
6	603.5	16.6	40	48	88	515	0.38
7	604.5	22.4	40	45	85	695	19.