



OILFIELD RESEARCH LABORATORIES

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

June 23, 1981

Finley Oil Company
Box 612
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Watters Lease, Well No. 7, located in Section 25, T-27S, R-16E, Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on June 19, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

A handwritten signature in cursive script, reading "Sanford A. Michel". The signature is written in dark ink and is positioned above the printed name.

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

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LOGName Finley Oil Company Lease Watters Well No. 7

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
869.0 - 870.2	Brown slightly calcareous sandstone.
870.2 - 872.5	Grayish brown slightly calcareous shaly sandstone.
872.5 - 875.8	Brown slightly calcareous sandstone.
875.8 - 877.4	Grayish light brown slightly calcareous shaly sand- stone.
877.4 - 879.0	Brown slightly calcareous sandstone.
879.0 - 880.2	Gray and brown laminated slightly calcareous shale and sandstone.
880.2 - 886.0	Grayish light brown slightly calcareous shaly sand- stone.
886.0 - 889.0	Grayish light brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Finley Oil Company Lease Watters Well No. 7

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	869.3	17.5	29	36	65	394	24.
2	870.3	15.2	44	37	81	519	3.6
3	871.3	12.8	38	58	96	377	0.37
4	872.6	17.5	52	30	82	706	23.
5	873.6	16.6	48	31	79	618	16.
6	874.5	17.9	55	19	74	764	27.
7	875.4	16.8	42	29	71	547	13.
8	876.6	11.4	42	53	95	372	0.17
9	877.5	19.0	47	24	71	693	41.
10	878.1	17.1	42	31	73	557	24.
11	879.3	15.5	31	48	79	378	8.5
12	880.7	15.8	43	30	73	527	0.64
13	882.4	15.5	42	33	75	505	4.1
14	883.6	15.0	30	35	65	349	1.1
15	884.3	16.5	44	32	76	563	2.5
16	885.7	15.9	48	32	80	592	0.84
17	887.6	9.4	25	65	90	182	Imp.
18	888.7	10.3	13	83	96	104	Imp.