

OILFIELD RESEARCH LABORATORIES

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

March 6, 1980

Earl Scott
Box 231
LeRoy, Kansas 66857

Gentlemen:

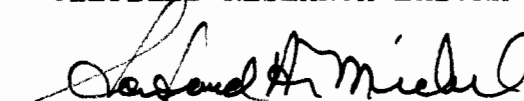
Enclosed herewith are the results of tests run on the rotary core taken from the Alexander Lease, Well No. 2, Franklin County, Kansas, and submitted to our laboratory on February 26, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem
2 c to LeRoy, Kansas

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GENERAL INFORMATION & SUMMARY

Company Earl Scott Lease Alexander Well No. 2

Location -

Section - Twp. - Rge. - County Franklin State Kansas

Elevation, Feet

Name of Sand

?

Top of Core

643.0

Bottom of Core

649.0

Top of Sand Rec'd. (Reported by client 642.0).

643.0

Bottom of Sand

649.0

Total Feet of Permeable Sand

6.0

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 20

2.9

2.9

45 - 50

2.1

5.0

70 & Above

1.0

6.0

Average Permeability Millidarcys

32.5

Average Percent Porosity

18.9

Average Percent Oil Saturation

49.2

Average Percent Water Saturation

26.0

Average Oil Content, Bbls./A. Ft.

719.

Total Oil Content, Bbls./Acre

4,314.

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LOG

Name Earl Scott Lease Alexander Well No. 2

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
643.0 - 646.1	Dark brown sandstone.
646.1 - 649.0	Brown and gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Earl Scott Lease Alexander Well No. 2

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	643.5	21.1	52	15	67	851	70.	1.0	1.0	851	70.00
2	644.5	20.0	47	26	73	729	45.	1.0	2.0	729	45.00
3	645.5	21.7	46	23	69	774	48.	1.1	3.1	851	52.80
4	646.5	19.5	53	24	77	802	18.	0.9	4.0	722	16.20
5	647.5	15.8	51	36	87	625	4.2	1.0	5.0	625	4.20
6	648.5	14.7	47	32	79	536	7.0	1.0	6.0	536	7.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Lease		Well No.	
Earl Scott		Alexander		2	
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
643.0 - 649.0	6.0	32.5	195.20		
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
643.0 - 649.0	6.0	49.2	26.0	719	4,314