

OILFIELD RESEARCH LABORATORIES

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

January 22, 1980

Diamond Oil Producers, Inc.
114 South Depot
Cherryvale, Kansas 67335

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Stritzke Lease, Well No. 1, Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on January 14, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/tem

5 c to Cherryvale, Kansas

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GENERAL INFORMATION & SUMMARY

Company Diamond Oil Producers, Inc. Lease Stritzke Well No. 1
 Location -
 Section 19 Twp. 32S Rge. 17E County Montgomery State Kansas

Elevation, Feet	
Name of Sand	
Top of Core	714.0
Bottom of Core	719.6
Top of Sand	714.0
Bottom of Sand	719.6
Total Feet of Permeable Sand	2.0

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
All Samples Below 1.	2.0	2.0

Average Permeability Millidarcys	0.24
Average Percent Porosity	12.3
Average Percent Oil Saturation	37.3
Average Percent Water Saturation	50.1
Average Oil Content, Bbls./A. Ft.	351.
Total Oil Content, Bbls./Acre	1,976.

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LOG

Name Diamond Oil Producers, Inc. Lease Stritzke Well No. 1

Depth Interval,
Feet

Description

714.0 - 719.6

Light brown and gray laminated sandstone
and shale.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Diamond Oil Producers, Incorporated Lease Stritzke Well No. 1

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	714.4	12.8	44	38	82	437	0.28	1.0	1.0	437	0.28
2	715.8	13.7	15	67	82	159	Imp.	1.0	2.0	159	0.00
3	716.5	10.9	36	56	92	304	0.20	1.0	3.0	304	0.20
4	717.5	13.3	39	42	81	402	Imp.	1.0	4.0	402	0.00
5	718.5	11.7	47	50	97	427	Imp.	1.0	5.0	427	0.00
6	719.4	11.1	46	46	92	396	Imp.	0.6	5.6	238	0.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

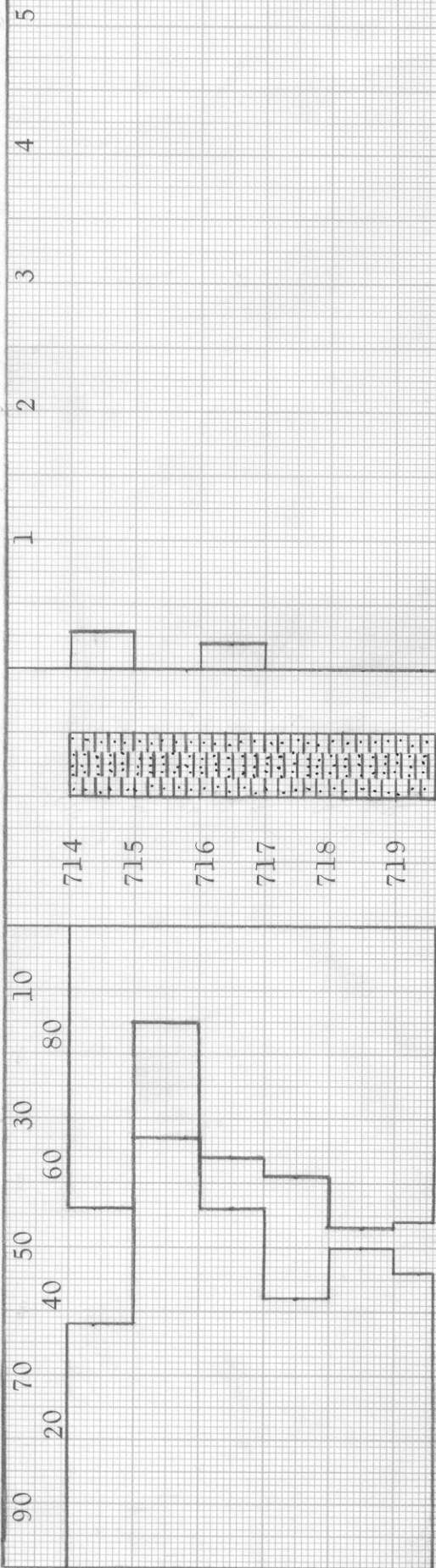
Company Diamond Oil Producers, Incorporated Lease Stritzke Well No. 1

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
714.0 - 719.6	2.0	0.24	0.48

Depth Interval, Feet	Average Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
714.0 - 719.6	12.3	37.3	50.1	351	1,967

WATER SAT., PERCENT ← → OIL SAT., PERCENT

← → PERMEABILITY, IN MILLIDARCS



KEY:



LAMINATED SANDSTONE & SHALE

DIAMOND OIL PRODUCERS, INC.

STRITZKE LEASE

MONTGOMERY, COUNTY, KANSAS

WELL NO. 1

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY MILLIDARCS
714.0 - 719.6	5.6	12.3	37.3	50.1	0.24

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 CHANUTE, KANSAS
 JANUARY, 1981
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