

OILFIELD RESEARCH LABORATORIES

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

October 30, 1979

Double "K" Oil Company
910 Shelden
Eldorado, Kansas 67042

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Milligan Lease, Well No. 10, Wilson County, Kansas, and submitted to our laboratory on October 18, 1979.

The core was sampled by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

BRP/tem
5 c to Eldorado, Kansas

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LOG

Name Double "K" Oil Company Lease Milligan Well No. 10

Depth Interval,
Feet

Description

893.0 - 903.7

Brown slightly shaly sandstone.

903.7 - 905.0

Coal.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Double "K" Oil Company Lease Milligan Well No. 10

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	893.5	18.2	44	34	78	621	29.	1.0	1.0	621	29.00
2	894.5	15.1	48	34	82	562	15.	1.0	2.0	562	15.00
3	895.5	15.5	37	43	80	445	25.	1.0	3.0	445	25.00
4	896.5	15.4	34	44	78	406	29.	1.0	4.0	406	29.00
5	897.5	14.6	36	47	83	408	17.	1.0	5.0	408	17.00
6	898.5	17.0	35	42	77	462	36.	1.0	6.0	462	36.00
7	899.5	14.2	34	39	73	375	37.	1.0	7.0	375	37.00
8	900.5	17.9	35	43	78	486	44.	1.0	8.0	486	44.00
9	901.5	14.3	34	42	76	377	14.	1.0	9.0	377	14.00
10	902.5	14.9	32	45	77	370	31.	1.0	10.0	370	31.00
11	903.5	23.2	31	12	53	558	11.	0.8	10.8	446	8.80

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Double "K" Oil Company Lease Milligan Well No. 10

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
893.0 - 903.7	10.8	26.4	285.80

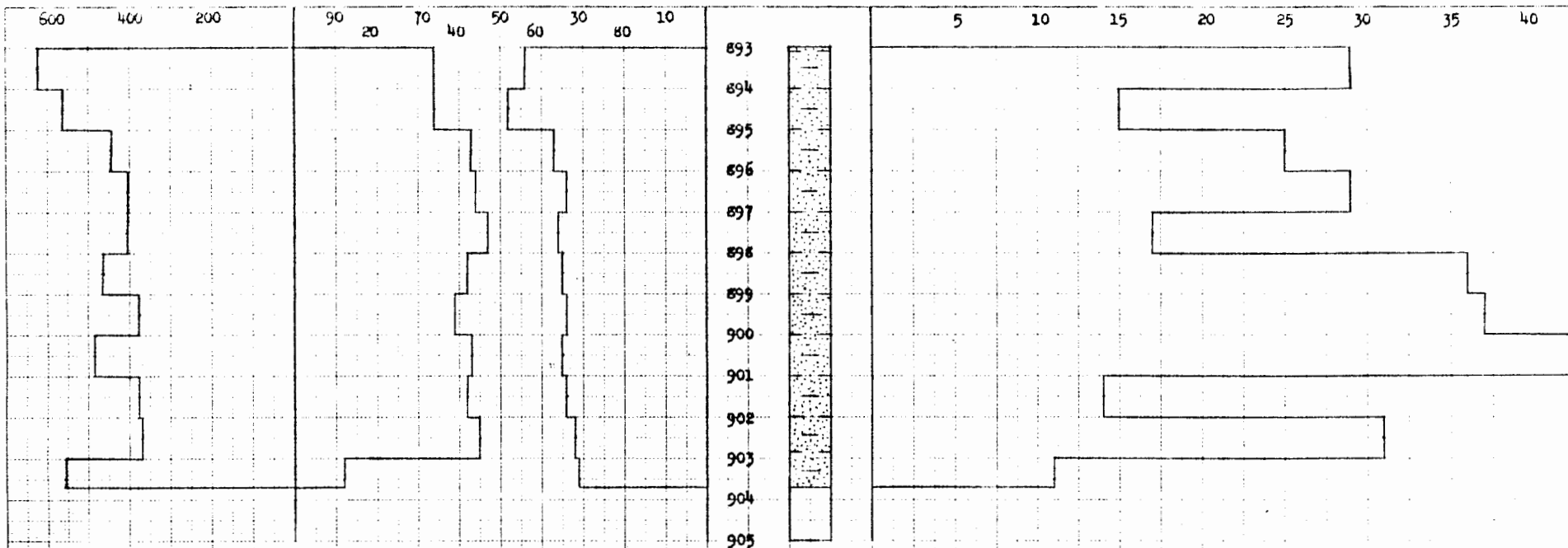
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
893.0 - 903.7	10.8	16.3	36.4	39.1	459	4,958

OIL CONTENT,
BBLs./A. FT.

WATER SAT.,
PERCENT

OIL SAT.,
PERCENT

AIR PERMEABILITY, IN MILLIDARCYs



KEY:
SHALY SANDSTONE

COAL

DOUBLE K OIL COMPANY
MILLIGAN LEASE

WILSON COUNTY, KANSAS

WELL NO. 10

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVG. OIL CONTENT BBLs./A. FT.	TOTAL OIL CONTENT BBLs./ACRE	AVG. AIR PERMEABILITY, MILLIDARCYs
893.0 - 903.7	10.8	16.3	36.4	39.1	459	4,958	26.4

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CHANUTE, KANSAS
OCTOBER, 1979 JR

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K-E WILSON COUNTY, KANSAS