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

May 13, 1981

Double O Petroleum
Professional Bldg., Suite 11
401 South Main
Ottawa, Kansas 66067

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Wilson Lease, Well No. 1, located in Franklin County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories and was received in our laboratory on May 7, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Ottawa, Kansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Double O Petroleum Lease Wilson Well No. 1

Location

Section 4 Twp. 17S Rge. 19E County Franklin State Kansas

Elevation, Feet	
Name of Sand	Squirrel
Top of Core	744.0
Bottom of Core	757.5
Top of Sand	744.0
Bottom of Sand	755.6
Total Feet of Permeable Sand	11.6

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
5 - 20	2.4	2.4
20 - 30	4.2	6.6
30 - 40	4.0	10.6
80 & Above	1.0	11.6

Average Permeability Millidarcys	31.1
Average Percent Porosity	20.3
Average Percent Oil Saturation	51.5
Average Percent Water Saturation	36.6
Average Oil Content, Bbls./A. Ft.	854.
Total Oil Content, Bbls./Acre	9,901.

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LOG

Name Double O Petroleum Lease Wilson Well No. 1

Depth Interval, Feet	Description
744.0 - 751.2	Brown slightly calcareous sandstone.
751.2 - 751.9	Brown slightly calcareous slightly shaly sandstone.
751.9 - 755.6	Brown slightly calcareous sandstone.
755.6 - 757.5	Gray sandy shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Double O Petroleum Lease Wilson 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	744.6	21.1	55	33	88	900	35.	1.0	1.0	900	35.00
2	745.4	21.7	64	31	95	1077	39.	1.0	2.0	1077	39.00
3	746.4	21.0	72	21	93	1173	37.	1.0	3.0	1173	37.00
4	747.4	21.2	56	36	92	921	26.	1.0	4.0	921	26.00
5	748.6	21.1	63	29	92	1031	27.	1.0	5.0	1031	27.00
6	749.6	20.5	67	29	96	1066	26.	1.0	6.0	1066	26.00
7	750.5	19.7	58	34	92	886	20.	1.2	7.2	1063	24.00
8	751.5	18.1	51	47	98	716	9.4	0.7	7.9	501	6.58
9	752.4	18.5	36	50	86	517	18.	1.0	8.9	517	18.00
10	753.4	20.2	38	47	85	596	31.	1.0	9.9	596	31.00
11	754.5	20.7	28	53	81	450	80.	1.0	10.9	450	80.00
12	755.4	18.9	59	32	91	865	16.	0.7	11.6	606	11.20

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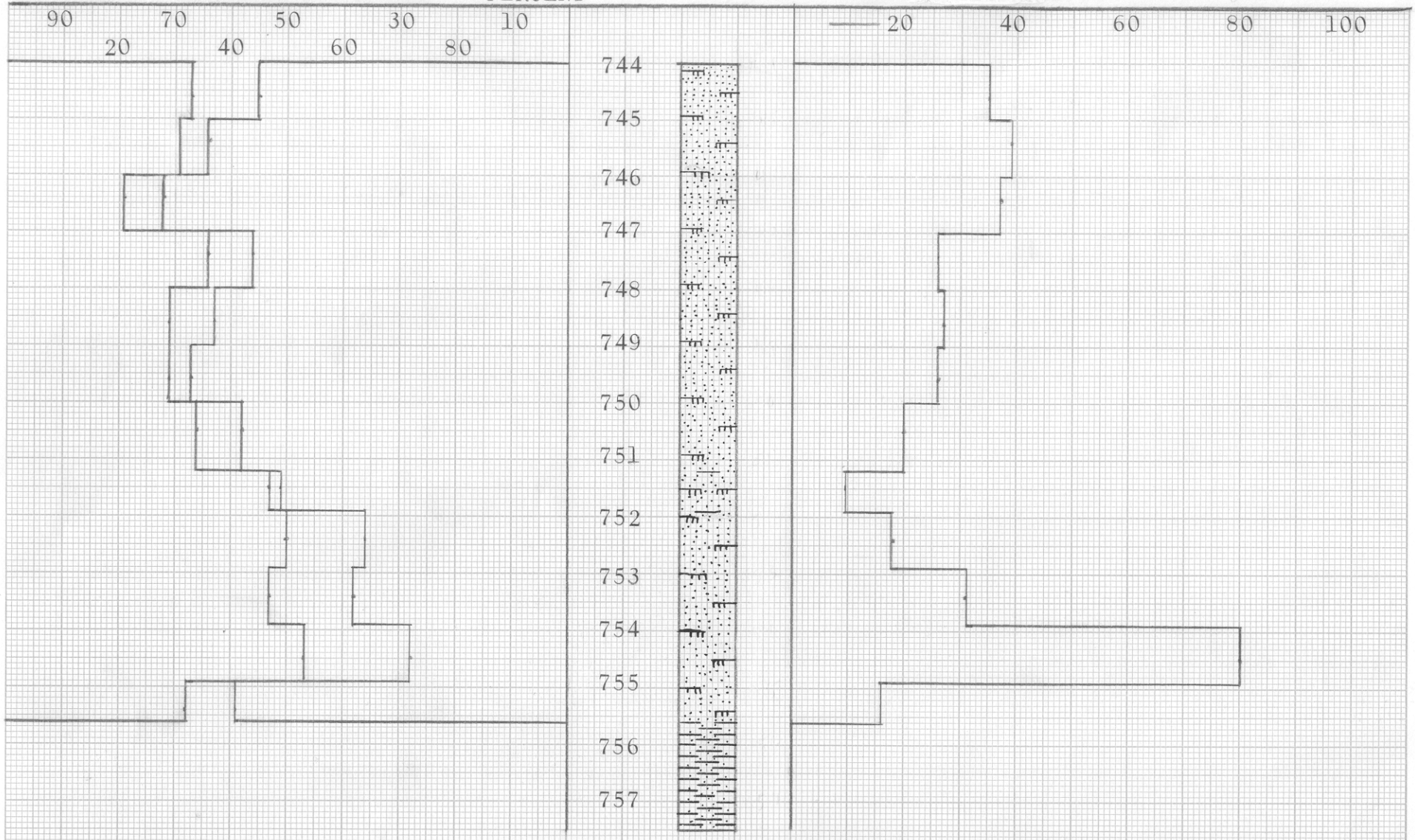
SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Double O Petroleum Lease Wilson Well No. 1

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
744.0 - 755.6	11.6	31.1	360.78

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
744.0 - 755.6	11.6	20.3	51.5	36.6	854	9,901



DOUBLE O PETROLEUM

WILSON LEASE WELL NO. 1

FRANKLIN COUNTY, KANSAS

 SANDY SHALE

 SHALY CALCAREOUS SANDSTONE

DOUBLE O PETROLEUM

WILSON LEASE WELL NO. 1

FRANKLIN COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCYS
744.0 - 755.6	11.6	20.3	51.5	36.6	31.1

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CHANUTE, KANSAS
MAY, 1981

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