



OILFIELD RESEARCH LABORATORIES

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

April 28, 1982

Conti Oil Corporation
1420 South Santa Fe
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Schultz Lease, Well No. 11, located in Neosho County, Kansas.

The core was sampled by a representative of the client and received in our laboratory, unbagged, on April 24, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/tem

5 c to Chanute, Kansas

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GENERAL INFORMATION & SUMMARY

Company Conti Oil Corporation Lease Schultz Well No. 11
 Location -
 Section 18 Twp. 27S Rge. 20E County Neosho State Kansas

Elevation, Feet

Name of Sand..... Bartlesville

Top of Core 747.0

Bottom of Core 762.0

Top of Sand 747.0

Bottom of Sand 762.0

Total Feet of Permeable Sand 9.2

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 5	4.1	4.1
5 - 10	0.6	4.7
10 - 30	2.3	7.0
30 - 50	2.2	9.2

Average Permeability Millidarcys 15.2

Average Percent Porosity 17.7

Average Percent Oil Saturation 56.4

Average Percent Water Saturation..... 21.0

Average Oil Content, Bbls./A. Ft. 793.

Total Oil Content, Bbls./Acre 8,090.

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LOGCompany Conti Oil Corporation Lease Schultz Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
	BARTLESVILLE SAND
747.0 - 749.3	Black slightly carbonaceous sandstone.
749.3 - 750.0	Grayish black slightly carbonaceous shaly sandstone.
750.0 - 751.0	Black slightly carbonaceous sandstone.
751.0 - 751.8	Grayish black slightly carbonaceous shaly sandstone.
751.8 - 753.0	Gray and brown laminated shale and sandstone.
753.0 - 753.6	Alternate layers of gray shale and brown sandstone.
753.6 - 754.8	Black slightly carbonaceous sandstone.
754.8 - 755.6	Grayish black shaly sandstone.
755.6 - 760.4	Gray shaly sandstone containing two vertical fractures.
760.4 - 761.0	Grayish black shaly sandstone.
761.0 - 762.0	Grayish brown very shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Conti Oil Corporation Lease Schultz Well No. 11

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	747.6	20.9	45	26	71	730	46.	1.0	1.0	730	46.00
2	748.4	20.5	43	30	73	684	11.	1.3	2.3	889	14.30
3	749.6	18.0	77	12	89	1075	4.7	0.7	3.0	753	3.29
4	750.5	21.7	71	8	79	1195	23.	1.0	4.0	1195	23.00
5	751.6	17.7	67	21	88	920	4.2	0.8	4.8	736	3.36
6	752.4	14.8	38	41	79	436	0.21	1.2	6.0	523	0.25
7	753.4	16.3	37	38	75	468	5.2	0.6	6.6	281	3.12
8	754.4	23.0	79	7	86	1410	36.	1.2	7.8	1692	43.20
9	755.5	14.0	62	10	72	673	1.8	0.8	8.6	538	1.44
10	760.6	13.9	60	7	67	647	2.7	0.6	9.2	388	1.62
11	761.9	9.8	48	23	71	365	Imp.	1.0	10.2	365	0.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Lease		Well No.	
Conti Oil Corporation		Schultz		11	
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
747.0 - 751.8	4.8	18.7	89.95		
751.8 - 762.0	4.4	11.3	49.63		
747.0 - 762.0	9.2	15.2	139.58		

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
747.0 - 751.8	4.8	20.0	58.2	20.5	896.	4,303
751.8 - 762.0	5.4	15.7	54.9	21.4	701.	3,787
747.0 - 762.0	10.2	17.7	56.4	21.0	793.	8,090



CONTI OIL CORPORATION

SCHULTZ LEASE

NEOSHO COUNTY, KANSAS

WELL NO. 11

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCYS
747.0 - 751.8	4.8	20.0	58.2	20.5	18.7
751.8 - 762.0	5.4	15.7	54.9	21.4	11.3
747.0 - 762.0	10.2	17.7	56.4	21.0	15.2

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CHANUTE, KANSAS
APRIL, 1982

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