

# OILFIELD RESEARCH LABORATORIES

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

March 24, 1982

Conti Oil Corporation  
P. O. Box 24  
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Dudley Lease, Well No. 11, located in the Southeast  $\frac{1}{4}$  in Section 24, T-29S, R-17E, in Neosho County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on March 22, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

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LOGName Conti Oil Corporation Lease Dudley Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>BARTLESVILLE SAND</u>	
893.0 - 894.2	Gray and brown laminated shale and sandstone.
894.2 - 895.0	Light brown very shaly sandstone.
895.0 - 895.2	Gray and brown laminated shale and sandstone.
895.2 - 896.8	Light brown very shaly sandstone.
896.8 - 898.0	Gray and light brown laminated shale and sandstone.
898.0 - 898.9	Light brown shaly sandstone with gray shale partings.
898.9 - 899.9	Gray and light brown laminated shale and sandstone.
899.9 - 901.5	Light brown shaly sandstone.
901.5 - 902.0	Light brown shaly sandstone with scattered gray shale partings.
902.0 - 902.8	Laminated gray shale and gray sandstone with scattered coal partings.
902.8 - 903.9	Grayish light brown very shaly sandstone with gray shale partings.
903.9 - 905.0	Light brown very shaly sandstone with scattered gray shale partings.
905.0 - 906.2	Light brown shaly sandstone with scattered gray shale partings.
906.2 - 907.2	Light brown sandstone.
907.2 - 908.0	Light brown very shaly sandstone with gray shale partings.
908.0 - 909.0	Light brown slightly shaly sandstone.
909.0 - 909.3	Gray very shaly sandstone.
909.3 - 909.8	Light brown shaly sandstone.
909.8 - 913.7	Black and gray laminated shale and shaly sandstone.

**Oilfield Research Laboratories**

**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Conti Oil Corporation Lease Dudley Well No. 11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	894.5	14.5	22	62	84	248	0.84
2	896.5	14.7	20	53	73	228	0.82
3	898.4	15.7	23	56	79	280	0.78
4	900.6	14.2	36	36	72	397	6.0
5	901.6	16.4	33	50	83	420	5.8
6	902.6	12.0	13	83	96	121	Imp.
7	904.6	14.9	17	58	75	197	1.7
8	905.5	16.9	25	41	66	328	3.8
9	906.4	14.1	31	38	69	339	12.
10	907.5	12.1	31	62	93	291	0.73
11	908.6	13.0	34	50	84	343	8.0
12	909.7	14.3	27	41	68	300	2.2