



OILFIELD RESEARCH LABORATORIES

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

October 28, 1980

L & L Oil Company
P.O. Box 13
Benedict, Kansas 66741

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Orendorff Lease, Well No. 9, located 1410' from the East Line and 940' from the South Line, in Section 2, T-28S, R-15E, Wilson County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 16, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Benedict, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOGName L & L Oil Company Lease Orendorff Well No. 9

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>CATTLEMAN SAND</u>
932.0 - 941.9	Grayish brown very shaly sandstone.
941.9 - 942.7	Brown shaly slightly calcareous sandstone.
942.7 - 943.6	Brown slightly calcareous sandstone.
943.6 - 944.6	Grayish brown shaly sandstone.
944.6 - 945.1	Gray sandy shale.
945.1 - 945.2	Coal.
945.2 - 946.5	Gray sandy shale.
	<u>BARTLESVILLE SAND</u>
969.0 - 970.8	Grayish light brown very shaly sandstone.
970.8 - 971.7	Light brown and gray laminated sandstone and shale.
971.7 - 978.0	Gray sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company L. & L. Oil Company Lease Orendorff Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
<u>CATTLEMAN SAND</u>							
1	932.7	7.4	25	70	95	144	Imp.
2	933.5	7.1	29	64	93	160	Imp.
3	934.7	9.8	23	70	93	175	Imp.
4	935.5	7.9	19	78	97	116	Imp.
5	936.5	8.7	16	80	96	108	Imp.
6	937.5	9.8	33	60	93	251	Imp.
7	938.6	11.0	27	62	89	230	Imp.
8	939.5	10.8	17	60	77	142	Imp.
9	940.5	9.2	25	69	94	178	Imp.
10	941.7	5.9	30	66	96	137	Imp.
11	942.5	13.1	40	28	68	407	3.6
12	943.5	13.8	48	17	65	514	10.
13	944.5	13.3	45	21	66	464	4.4
<u>BARTLESVILLE SAND</u>							
14	969.5	11.1	34	60	94	293	Imp.
15	970.5	13.5	32	57	89	335	Imp.
16	971.5	8.1	20	73	93	126	Imp.