



OILFIELD RESEARCH LABORATORIES

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

March 3, 1981

L & L Oil Company
P. O. Box 13
Benedict, Kansas 66714

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Kroenke Lease, Well No. 4, located in Section 4, T-28S, R-22E, in Crawford County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on February 26, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

4 c to Benedict, Kansas
1 c to Mike Ebers, Chanute, Kansas

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LOG

Name L & L Oil Company Lease Kroenke Well No. 4

Depth Interval,
Feet

Description

TUCKER SAND

592.0 - 593.1	Brown and gray laminated sandstone and shale.
593.1 - 593.7	Light brown and gray laminated sandstone and shale.
593.7 - 597.9	Brown and gray laminated sandstone and shale.
597.9 - 598.8	Dark brown carbonaceous slightly calcareous sandstone.
598.8 - 601.5	Brown and gray laminated sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company L & L Oil Company Lease Kroenke Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	592.6	17.6	44	33	77	601	18.
2	593.8	15.4	55	38	93	657	1.8
3	594.5	19.3	48	28	76	719	83.
4	595.5	20.6	48	26	74	767	121.
5	596.5	16.9	39	35	74	511	6.6
6	597.6	15.8	37	36	73	454	13.
7	598.7	21.6	56	14	70	938	0.60
8	599.7	15.6	38	30	68	460	2.0
9	600.5	14.0	45	50	95	489	0.40
10	601.3	15.4	58	25	83	693	0.46