



OILFIELD RESEARCH LABORATORIES

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

November 18, 1982

Lincoln 77
3633 O Street, Suite 4
P. O. Box 30538
Lincoln, Nebraska 68510

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Webb 'A' Lease, Well No. 5, located 1502' West of the East Line and 170' North of the South Line in the North $\frac{1}{2}$ of the North $\frac{1}{2}$ of the Northwest $\frac{1}{4}$ of Section 11, T-23S, R-16E, Coffey County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 16, 1982. The core was extremely ground up by the core barrel.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

4 c to Lincoln, Nebraska
1 c to Topeka, Kansas

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LOG

Company Lincoln 77 Lease Webb 'A' Well No. 5

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>LOWER SQUIRREL SANDSTONE</u>
958.0 - 960.0	Gray shale.
960.0 - 963.8	Gray slightly sandy shale with scattered fine brown sandstone partings.
963.8 - 964.6	Alternate layers gray shale and brown sandstone.
964.6 - 965.5	Dark brown sandstone.
965.5 - 967.0	Grayish brown very shaly sandstone (ground up).

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lincoln 77 Lease Webb 'A' Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	964.7	21.4	65	10	75	1079	61.
2	965.4	21.4	66	11	77	1096	74.