



OILFIELD RESEARCH LABORATORIES

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

September 22, 1982

Miller Brothers Production Company
427 South Parker
Olathe, Kansas 66061

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the D. Custer Lease, Well No. 1, located 165' from the North Line and 330' from the East Line in the Southeast $\frac{1}{4}$ of Section 30, T-14S, R-24E, Johnson County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories after being received unbagged in our laboratory. The client submitted the core on September 21, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/rmc

5 c to Olathe, Kansas

- REGISTERED ENGINEERS -

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

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LOG

Company Miller Brothers Production Company Lease D. Custer Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>LOWER SQUIRREL SANDSTONE</u>
724.0 - 725.1	Grayish brown shaly sandstone.
725.1 - 727.8	Brown sandstone.
727.8 - 729.4	Grayish brown slightly sandy shale.
729.4 - 732.3	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Miller Brothers Production Company Lease D. Custer Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	724.5	20.0	55	22	77	853	1.2
2	725.6	24.3	45	20	65	848	153.
3	726.6	23.3	43	16	59	777	90.
4	727.5	22.3	40	23	63	692	80.