



OILFIELD RESEARCH LABORATORIES

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

November 11, 1981

Brecheisen Oil Company
Box 40
Garnett, Kansas 66032

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Kattenhorn Lease, Well No. 11-81-F, located in Section 22, T-21S, R-19E, in Anderson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 7, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.L.

Sanford A. Michel

SAM/mkf

5 c to Garnett, Ks.

- REGISTERED ENGINEERS -

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

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LOG

Name Brecheisen Oil Co. Lease Kattenhorn Well No. 11-81 I

<u>Depth Interval, Feet</u>	<u>Description</u>
	SQUIRREL SAND
775.0 - 778.1	Grayish brown shaly sandstone.
778.1 - 779.1	Grayish brown shaly calcareous sandstone.
779.1 - 779.9	Brown slightly shaly slightly calcareous sandstone.
779.9 - 780.4	Grayish brown very shaly sandstone.
780.4 - 781.1	Brown sandstone.
781.1 - 782.0	Brown sandstone with shale partings.
782.0 - 783.0	Grayish brown very shaly sandstone.
783.0 - 783.5	Brown slightly shaly sandstone.
783.5 - 784.0	Grayish brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Brecheisen Oil Co. Lease Kattenhorn Well No. 11-81 I

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
		SQUIRREL SAND					
1	775.8	13.3	29	69	98	299	Imp.
2	776.2	10.1	48	47	95	380	0.29
3	777.7	13.0	30	68	98	303	Imp.
4	778.2	6.0	19	77	96	88	Imp.
5	779.4	16.7	32	31	63	415	9.1
6	780.6	19.4	31	47	78	467	12.
7	781.6	17.5	51	33	84	692	11.
8	782.9	10.8	35	63	98	293	Imp.
9	783.3	18.6	29	36	65	419	6.9