



OILFIELD RESEARCH LABORATORIES

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

December 28, 1982

Brecheisen Oil Company
Box 40
Garnett, Kansas 66032

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Kite Lease, Well No. 16-I, located in Section 32, T-30S, R-19E, Neosho County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 22, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.S.

Sanford A. Michel

SAM/rmc

5 c to Garnett, Kansas

- REGISTERED ENGINEERS -

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

OILFIELD RESEARCH LABORATORIES

LOGCompany Brecheisen Oil Company Lease Kite Well No. 16-I

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>CATTLEMAN SANDSTONE</u>
675.0 - 676.0	Brown sandstone.
676.0 - 676.4	Gray shale.
676.4 - 677.0	Brown slightly shaly sandstone.
677.0 - 677.8	Alternate layers gray shale and brown sandstone.
677.8 - 679.0	Brown sandstone.
679.0 - 680.3	Brown slightly shaly sandstone.
680.3 - 680.4	Gray shale.
680.4 - 681.2	Brown sandstone.
681.2 - 682.0	Grayish brown shaly sandstone.
682.0 - 683.0	Brown slightly shaly sandstone with scattered fine gray shale and mica partings.
683.0 - 685.0	Brown shaly sandstone with scattered gray shale and mica partings.
685.0 - 687.4	Brown slightly shaly sandstone with scattered gray shale and mica partings.
687.4 - 688.4	Brown shaly sandstone with scattered gray shale and mica partings.
688.4 - 688.7	Grayish brown very shaly sandstone.
688.7 - 690.0	Brown shaly sandstone with mica partings.
690.0 - 692.0	Grayish brown very shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Brecheisen Oil Company Lease Kite Well No. 16-I

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	675.6	16.0	54	35	89	670	17.
2	676.5	15.9	41	48	89	506	8.3
3	677.4	16.3	52	34	86	658	11.
4	678.5	18.7	55	32	87	798	24.
5	679.5	17.2	56	34	90	747	8.0
6	680.5	16.1	58	35	93	724	10.
7	681.5	15.8	34	47	81	417	4.6
8	682.5	16.4	46	50	96	585	7.1
9	683.5	16.1	40	52	92	500	5.6
10	684.5	16.4	55	26	81	700	4.5
11	685.6	17.1	61	33	94	809	7.2
12	686.6	16.2	52	43	95	654	6.6
13	687.5	16.3	50	42	92	632	5.1
14	688.6	14.5	24	65	89	270	0.95
15	689.6	15.8	54	39	93	662	3.1
16	690.5	12.4	28	65	93	269	0.73
17	691.5	14.5	21	59	80	236	0.21