



OILFIELD RESEARCH LABORATORIES

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

April 10, 1981

McCartney Engineering, Inc.
1776 Lincoln, Suite 1314
Denver, Colorado 80203

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Leedy Lease, Well No. 1, located in the Northwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ in Section 32, T-30S, R-16E in Wilson County, Kansas.

The core was sampled and sealed in plastic by a representative of the client and was submitted to our laboratory on April 4, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Denver, Colorado

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LOG

Name McCartney Engineering, Inc. Lease Leedy Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
781.0 - 784.2	Gray laminated shaly sandstone.
784.2 - 788.8	Grayish light brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company McCartney Engineering, Inc. ~~Lease~~ Leedy Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	784.5	13.0	27	28	55	272	2.0
2	785.6	12.6	19	29	48	186	2.6
3	786.6	10.3	34	40	74	272	0.65
4	787.4	9.2	33	54	87	236	0.74
5	788.5	5.0	13	61	74	50	0.20