



OILFIELD RESEARCH LABORATORIES

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

July 16, 1982

Fortune I Oil Company
c/o Vic Leis
Box 223
Yates Center, Kansas 66783

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Smith Lease, Well No. 4, located in Section 33, T-25S, R-15E, in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on July 14, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/dlb

5 c to Yates Center, Kansas

- REGISTERED ENGINEERS -

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

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LOG

Name Fortune I Oil Company Lease Smith Well No. 4

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
1153.0 - 1153.7	Brown sandstone.
1153.7 - 1154.3	Gray and brown finely laminated shale and sandstone.
1154.3 - 1154.7	Brown sandstone.
1154.7 - 1156.6	Grayish brown very shaly sandstone.
1156.6 - 1161.4	Brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Fortune I Oil Company Lease Smith Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1153.5	15.3	39	26	65	463	13.
2	1154.6	19.0	51	24	75	752	11.
3	1156.7	17.5	32	29	61	434	15.
4	1157.5	20.6	58	14	72	927	52.
5	1158.5	20.1	48	15	63	749	44.
6	1159.5	18.6	43	24	67	620	32.
7	1160.7	20.6	48	18	66	767	27.
8	1161.3	21.6	45	14	59	754	89.