



OILFIELD RESEARCH LABORATORIES

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

September 8, 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. 8, 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 September 3, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Yates Center, Kansas

- REGISTERED ENGINEERS -

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

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LOG

Company Fortune I Oil Company Lease Smith Well No. 8

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>LOWER SQUIRREL SANDSTONE</u>
1164.0 - 1164.2	Gray shale.
1164.2 - 1164.9	Brown slightly shaly sandstone.
1164.9 - 1167.9	Brown sandstone.
1167.9 - 1168.6	Brownish black shaly sandstone.
1168.6 - 1169.5	Dark brown sandstone with fine micaceous partings.
1169.5 - 1170.3	Dark brown sandstone.
1170.3 - 1171.0	Dark gray shaly slightly micaceous sandstone.
1171.0 - 1175.8	Dark grayish brown very shaly sandstone with micaceous partings.
1175.8 - 1178.0	Gray slightly sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Fortune I Oil Company Lease Smith Well No. 8

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1164.4	16.0	48	24	72	596	9.4
2	1165.5	17.6	53	21	74	724	80.
3	1166.6	16.2	50	28	78	628	12.
4	1167.5	18.1	70	17	87	983	14.
5	1168.5	19.0	64	18	82	943	4.6
6	1169.7	19.4	73	14	87	1099	13.
7	1170.5	18.9	67	22	89	982	3.1