



OILFIELD RESEARCH LABORATORIES

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

June 11, 1982

CFS Energy, Inc.
2525 Murworth, Suite 10K
Box 20327
Houston, Texas 77054

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Varner Lease, Well No. Test 16, located in Section 28, T-24S, R-25E, in Bourbon County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on June 10, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/dlb

5 c to Houston, Texas

- REGISTERED ENGINEERS -

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

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LOG

Name CFS Energy, Inc. Lease Varner Well No. Test 16

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>PERU SAND</u>
49.5 - 50.7	Grayish brown very shaly sandstone.
50.7 - 52.0	Light brown very shaly sandstone.
52.0 - 52.5	Grayish brown very shaly sandstone.
52.5 - 53.0	Gray slightly sandy shale.
53.0 - 54.6	Light brown shaly sandstone.
54.6 - 56.0	Brown slightly calcareous very shaly andstone.
56.0 - 56.6	Grayish brown very shaly sandstone.
56.6 - 58.0	Gray shale.
58.0 - 58.4	Brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I

Company CFS Energy, Inc. Lease Varner Well No. Test 16

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	49.8	18.7	22	57	79	319	0.20
2	50.6	19.6	22	60	82	335	0.50
3	51.4	18.9	24	64	88	352	0.19
4	52.4	20.7	18	56	74	289	0.37
5	53.5	21.0	19	59	78	310	1.2
6	54.5	23.6	27	53	80	494	3.4
7	55.7	16.6	20	50	70	258	0.34
8	56.5	17.3	16	60	76	215	Imp.
9	58.3	20.5	35	44	79	557	2.0