



OILFIELD RESEARCH LABORATORIES

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

June 16, 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 17, located in Section 28, T-23S, 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 14, 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 17

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
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PERU SAND

51.0 - 52.0	Gray very shaly sandstone.
52.0 - 56.0	Light brown shaly sandstone.
56.0 - 58.0	Light brown slightly shaly sandstone.
58.0 - 59.0	Light brown sandstone.
59.0 - 60.3	Light brown shaly sandstone.
60.3 - 60.7	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company CFS Energy, Inc. Lease Varner Well No. Test 17

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	51.5	15.5	4	53	57	48	Imp.
2	52.7	15.2	25	53	78	295	2.0
3	53.4	15.4	13	46	59	155	1.3
4	54.6	18.2	21	49	70	297	3.4
5	55.4	19.9	21	57	78	324	4.9
6	56.5	21.8	26	65	91	440	8.2
7	57.5	22.6	31	60	91	544	9.4
8	58.5	21.2	14	64	78	230	13.
9	59.3	22.7	23	66	89	405	4.9
10	60.2	21.1	20	63	83	327	1.0