



OILFIELD RESEARCH LABORATORIES

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

August 6, 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 Endicott Lease, Well No. 19, located 500' from the North Line and 1800' from the West Line in the Northwest $\frac{1}{4}$ of Section 29, 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 August 4, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Houston, Texas

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LOG

Name CFS Energy, Inc. Lease Endicott Well No. 19

Depth Interval,
Feet Description

PERU SAND

26.0 - 30.5	Grayish brown slightly calcareous very shaly sandstone.
30.5 - 61.0	No core.
61.0 - 62.0	Grayish brown very shaly sandstone.
62.0 - 63.0	Grayish brown very shaly sandstone (nearly friable).
63.0 - 64.0	Brown slightly calcareous shaly sandstone.
64.0 - 66.0	Brown slightly calcareous sandstone.
66.0 - 66.6	Brown slightly calcareous shaly sandstone.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company CFS Energy, Inc. Lease Endicott Well No. 19

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	26.5	13.2	21	74	95	215	0.32
2	27.6	5.4	20	46	66	84	Imp.
3	28.4	5.7	19	71	90	84	Imp.
4	29.5	11.6	35	48	83	315	0.20
5	30.4	9.6	25	63	88	186	0.18
6	61.5	16.3	35	57	92	443	Imp.
7	62.5	19.4	19	57	76	286	*
8	63.5	16.9	19	64	83	249	3.3
9	64.5	19.2	20	73	93	298	14.
10	65.5	18.9	21	75	96	308	13.
11	66.4	11.6	20	76	96	180	0.26
Note: * Permeability sample unobtainable.							