



OILFIELD RESEARCH LABORATORIES

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

June 22, 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 Larkin Lease, Well No. Test 14, located 1710' from the North Line and 1480' from the East Line in Section 27, 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 18, 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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LOGName CFS Energy, Inc. Lease Larkin Well No. Test 14

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>PERU SAND</u>
40.5 - 41.0	Brown slightly shaly sandstone.
41.0 - 44.2	Brown sandstone.
44.2 - 45.0	Brown shaly sandstone.
45.0 - 45.8	Brown slightly shaly sandstone.
45.8 - 52.8	Brown sandstone.
52.8 - 54.0	Brownish black sandstone.
54.0 - 59.0	Dark gray sandstone.
59.0 - 60.1	Dark gray slightly shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company CFS Energy, Inc. Lease Larkin Well No. Test 14

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	40.7	20.8	50	38	88	807	6.6
2	41.5	23.8	32	41	73	591	44.
3	42.5	23.0	31	47	78	553	44.
4	43.4	22.8	27	57	84	478	33.
5	44.6	20.5	37	53	90	588	5.2
6	45.4	20.6	26	62	88	416	7.8
7	46.4	23.3	14	59	73	253	62.
8	47.5	21.4	22	68	90	365	32.
9	48.4	19.6	20	64	84	304	56.
10	49.3	20.9	20	67	87	324	52.
11	50.7	19.8	27	63	90	415	32.
12	51.5	20.4	20	58	78	317	39.
13	52.5	21.3	23	67	90	380	60.
14	53.3	24.1	19	68	87	355	90.
15	54.5	21.2	38	56	94	625	21.
16	55.5	21.0	24	67	91	391	19.
17	56.5	21.7	39	57	96	657	22.
18	57.5	22.4	29	62	91	504	27.
19	58.5	24.1	31	54	85	580	18.
20	59.4	23.6	26	53	79	476	9.1