



OILFIELD RESEARCH LABORATORIES

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

December 3, 1980

Susmio Oil, Inc.
P. O. Box 233
Yates Center, Kansas 66783

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the E. E. Light Lease, Well No. 17-C, located in the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 8, T-25S, R-16E, Woodson County, Kansas and submitted to our laboratory on November 24, 1980.

The core was sampled by Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

S. A. Michel
Sanford A. Michel *BRP*

SAM/mkf

3 c to Yates Center, Kansas

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LOGName Susmio Oil, Inc. Lease E. E. Light Well No. 17-C

Depth Interval, <u>Feet</u>	<u>Description</u>
	SQUIRREL SAND
900.0 - 903.2	Brown shaly sandstone.
903.2 - 909.7	Dark brown sandstone.
909.7 - 913.0	Brown and gray laminated sandstone and shale.
913.0 - 916.7	Grayish brown shaly sandstone.
916.7 - 918.9	Black carbonaceous slightly calcareous sandstone.
918.9 - 919.3	Gray sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Susmio Oil, Inc. Lease E. E. Light Well No. 17-C

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	900.5	13.1	33	59	92	335	2.9
2	901.5	15.2	42	37	79	495	0.76
3	902.7	16.7	44	32	76	570	6.0
4	903.5	16.8	54	22	76	704	11.
5	904.5	17.7	47	25	72	645	12.
6	905.5	18.1	50	23	73	702	17.
7	906.5	20.9	55	14	69	892	56.
8	907.6	20.0	55	16	71	853	56.
9	908.5	20.1	55	18	73	858	110.
10	909.5	18.3	53	24	77	752	7.7
11	910.3	18.9	40	29	69	587	10.
12	911.4	14.9	31	56	87	358	Imp.
13	912.5	16.4	64	31	95	814	137.
14	913.5	8.9	30	67	97	207	Imp.
15	914.5	10.5	18	74	92	147	Imp.
16	915.6	16.2	69	29	98	867	Imp.
17	916.5	9.0	24	70	94	168	Imp.
18	917.5	18.7	86	10	96	1248	6.6
19	918.5	16.1	76	15	91	949	4.2