



OILFIELD RESEARCH LABORATORIES

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

May 20, 1981

Renflow Oil Company
P. O. Box 707
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Manson Lease, Well No. 14, located in the Southwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ in Section 29, T-26S, R-20E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories and was received in our laboratory on May 14, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

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

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LOGName Renflow Oil Company Lease Manson Well No. 14

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>TUCKER SAND</u>
828.0 - 833.8	Brown slightly calcareous sandstone.
833.8 - 835.2	Brown and gray laminated slightly calcareous sandstone and shale.
835.2 - 835.9	Brown slightly calcareous sandstone.
835.9 - 836.3	Brown shaly slightly calcareous sandstone.
836.3 - 842.7	Brown slightly calcareous sandstone.
842.7 - 845.4	Gray sandy shale.
845.4 - 846.0	Brown sandstone.
846.0 - 848.2	Brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Renflow Oil Company Lease Manson Well No. 14

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	828.5	25.4	40	15	55	788	335.
2	829.5	24.3	48	20	58	905	153.
3	830.5	22.8	34	27	61	601	280.
4	831.5	21.6	44	23	67	737	358.
5	832.5	21.0	66	19	85	1075	384.
6	833.6	20.8	38	26	64	613	259.
7	834.5	12.1	53	39	92	498	Imp.
8	835.5	16.4	52	22	74	662	273.
9	836.5	22.5	37	39	76	646	63.
10	837.6	21.0	36	33	69	587	96.
11	838.5	20.5	32	42	74	509	493.
12	840.5	21.6	27	42	69	452	518.
13	841.5	22.7	61	2	63	1074	470.
14	842.5	19.1	49	23	72	726	392.
15	845.6	19.4	23	44	67	346	122.
16	846.5	20.0	35	39	74	543	5.7
17	847.5	20.7	27	48	75	434	3.7