



OILFIELD RESEARCH LABORATORIES

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

February 23, 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 Becker Lease, Well No. 1, located 165' from the North Line and 165' from the East Line in the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ in Section 30, T-26S, R-20E, in Allen County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories and was received in our laboratory on February 18, 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

LOGName Renflow Oil Company Lease Becker Well No. 1

Depth Interval, Feet	Description <u>TUCKER SAND</u>
802.0 - 802.4	Gray shaly sandstone.
802.4 - 811.8	Dark brown slightly calcareous sandstone.
811.8 - 812.6	Grayish brown conglomeratic slightly calcareous shaly sandstone.
812.6 - 817.7	Dark brown slightly calcareous sandstone.
817.7 - 820.3	Light brown and gray laminated slightly calcareous sandstone and shale.
820.3 - 821.9	Dark brown slightly calcareous sandstone.
821.9 - 823.2	Brown conglomeratic calcareous shaly sandstone.
823.2 - 824.8	Brown slightly calcareous sandstone.
824.8 - 825.7	Grayish brown conglomeratic slightly calcareous shaly sandstone.
825.7 - 827.4	Grayish light brown shaly sandstone.
827.4 - 831.2	Brown slightly calcareous sandstone.
831.2 - 832.4	Gray sandy shale.
832.4 - 832.9	Brown slightly calcareous shaly sandstone.
832.9 - 834.8	Light brown slightly calcareous sandstone.
834.8 - 837.8	Light brown and gray laminated slightly calcareous sandstone and shale.
837.8 - 840.7	Brown slightly calcareous sandstone.
840.7 - 842.0	Light brown slightly calcareous shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Renflow Oil Co. Lease Becker Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	802.5	24.3	36	29	65	679	143.
2	803.3	27.1	32	32	64	673	158.
3	804.5	25.3	45	18	63	883	149.
4	805.5	19.5	36	33	69	545	77.
5	806.6	22.9	27	27	54	480	203.
6	807.5	21.2	27	32	59	444	133.
7	808.5	23.3	51	18	69	922	149.
8	809.5	23.3	30	32	62	542	280.
9	810.5	23.1	34	30	64	609	203.
10	811.6	23.7	38	30	68	699	145.
11	812.5	23.7	37	44	81	680	42.
12	813.5	25.4	41	28	69	808	399.
13	814.5	23.4	39	25	64	708	157.
14	815.5	23.6	47	31	78	861	266.
15	816.5	23.0	43	29	72	767	115.
16	817.5	20.7	51	35	86	819	165.
17	818.6	13.3	24	45	69	248	Imp.
18	819.5	11.7	16	78	94	145	Imp.
19	820.5	21.1	27	24	51	442	493.
20	821.5	20.7	35	24	59	562	518.
21	822.5	19.5	38	35	73	575	5.4
22	823.4	17.5	44	28	72	604	324.
23	824.5	20.6	28	29	57	448	288.
24	825.5	21.1	35	35	70	573	399.
25	826.5	19.3	20	44	64	300	2.6
26	827.5	24.0	31	29	60	577	130.
27	828.5	20.4	36	42	78	570	54.
28	829.5	22.9	18	43	61	320	203.
29	830.5	21.9	39	29	68	663	145.
30	832.5	17.6	27	50	77	369	3.4
31	833.5	24.4	28	36	64	530	153.
32	834.5	22.7	38	33	71	669	86.
33	835.5	18.4	40	41	81	571	4.9
34	836.5	16.1	34	36	70	425	5.5
35	837.6	21.1	39	34	73	638	74.
36	838.5	20.5	34	40	74	541	68.
37	839.5	21.7	40	28	68	673	60.
38	840.5	19.8	43	32	75	661	20.
39	841.5	18.2	45	35	80	635	3.1