

OILFIELD RESEARCH LABORATORIES

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

April 7, 1981

Sheedy Oil Group, Inc.
Box 269
Yates Center, Kansas 66783

Gentlemen:

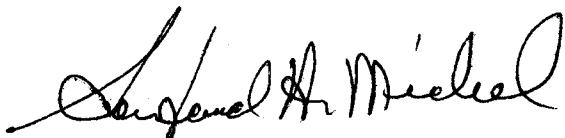
Enclosed herewith are the results of tests run on the rotary core taken from the L. C. Chambers B Lease, Well No. 2, located in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on March 31, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

4 c to Yates Center, Kansas
1 c to Chanute, Kansas

Oilfield Research Laboratories
GENERAL INFORMATION & SUMMARY

Company Sheedy Oil Group, Inc. Lease L. C. Chambers Well No. 2
 Location B
 Section 19 Twp. 25S Rge. 17E County Woodson State Kansas

Elevation, Feet

Name of Sand..... Squirrel

Top of Core 800.0

Bottom of Core 819.1

Top of Sand 800.0

Bottom of Sand 813.5

Total Feet of Permeable Sand 5.5

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 3	5.0	5.0
30 - 35	0.5	5.5

Average Permeability Millidarcys 4.4

Average Percent Porosity 11.5

Average Percent Oil Saturation 36.1

Average Percent Water Saturation 53.9

Average Oil Content, Bbls./A. Ft. 332.

Total Oil Content, Bbls./Acre 4,486.

OILFIELD RESEARCH LABORATORIESLOGName Sheedy Oil Group, Inc. Lease L. C. Chambers B Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
800.0 - 806.2	Gray and light brown laminated shale and sandstone.
806.2 - 806.7	Dark brown sandstone.
806.7 - 808.5	Gray and brown laminated shale and sandstone.
808.5 - 813.5	Grayish light brown very shaly sandstone.
813.5 - 819.1	Gray shale.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Sheedy Oil Group, Inc. Lease L. C. Chambers B Well No. 2

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	800.7	14.4	57	24	81	637	*	1.0	1.0	637	0.00
2	801.4	14.1	50	36	86	547	1.9	1.0	2.0	547	1.90
3	802.5	11.9	38	52	90	351	1.3	1.0	3.0	351	1.30
4	803.5	10.4	32	61	94	258	1.9	1.0	4.0	258	1.90
5	804.5	9.5	30	68	98	221	Imp.	1.0	5.0	221	0.00
6	805.6	11.6	46	44	90	414	1.5	1.2	6.2	497	1.80
7	806.5	17.2	47	21	68	627	31.	0.5	6.7	314	15.50
8	807.4	9.0	34	60	94	237	Imp.	1.0	7.7	237	0.00
9	808.4	14.4	24	52	76	268	2.3	0.8	8.5	214	1.84
10	809.5	9.8	31	62	93	236	Imp.	1.5	10.0	354	0.00
11	810.6	11.3	28	69	97	246	Imp.	1.0	11.0	246	0.00
12	811.4	11.3	35	59	94	307	Imp.	1.0	12.0	307	0.00
13	812.5	9.9	26	65	91	200	Imp.	1.0	13.0	200	0.00
14	813.3	10.6	25	71	96	206	Imp.	0.5	13.5	103	0.00

NOTE: * Permeability sample unobtainable.

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Sheedy Oil Group, Inc. Lease L. C. Chambers B Well No. 2

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
800.0 - 806.7	4.7	4.8	22.40
806.7 - 813.5	0.8	2.3	1.84
800.0 - 813.5	5.5	4.4	24.24

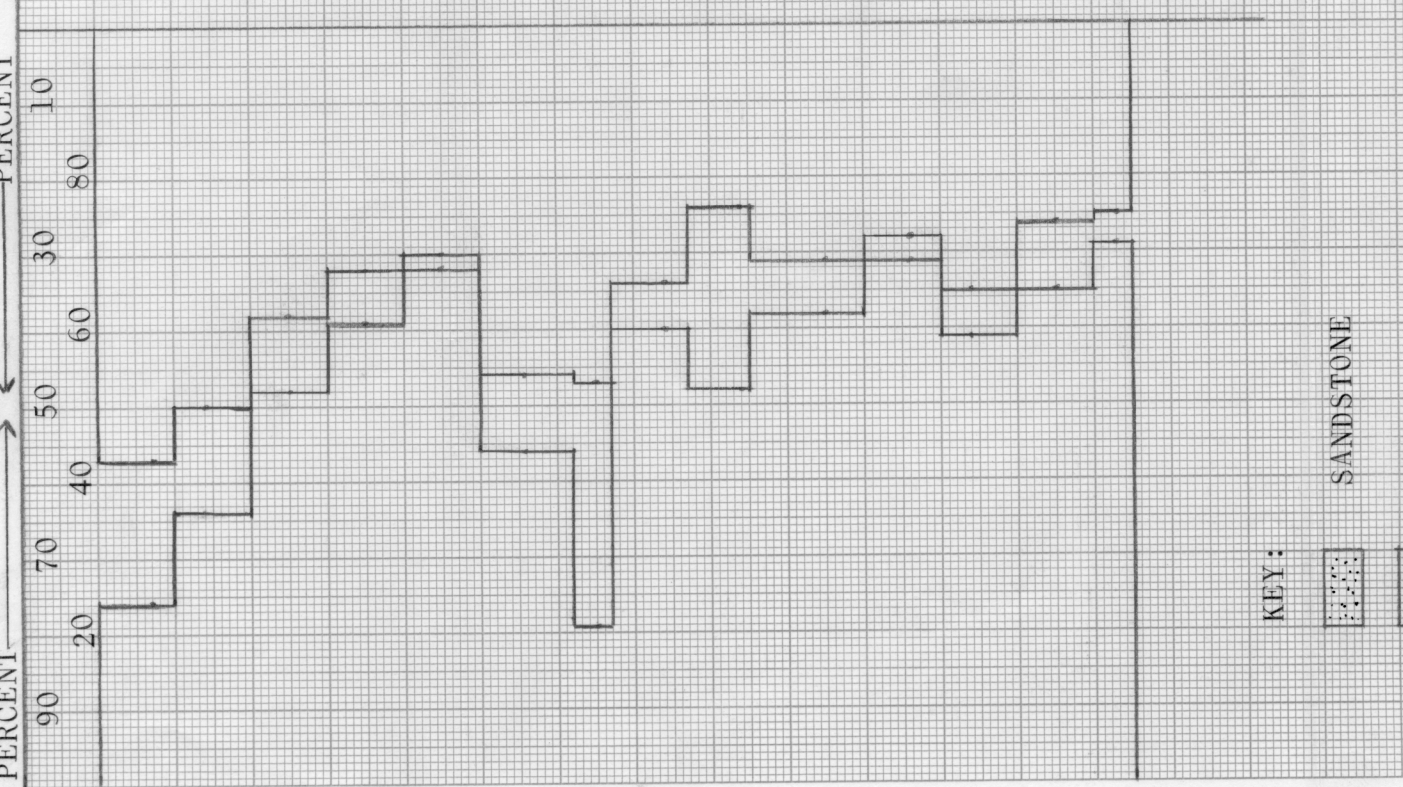
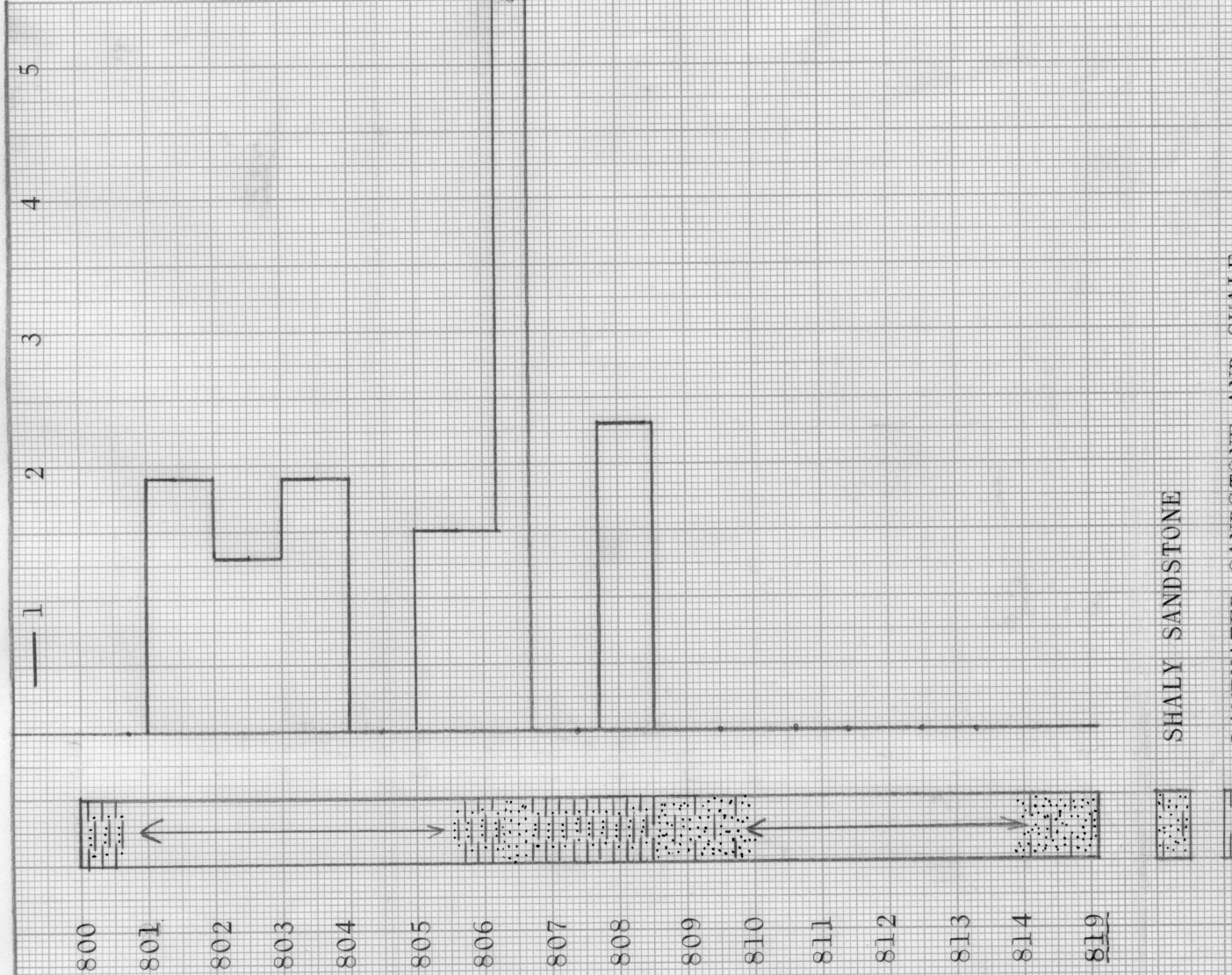
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
800.0 - 806.7	6.7	12.4	42.6	45.4	422	2,825
806.7 - 813.5	6.8	10.7	29.6	62.2	244	1,661
800.0 - 813.5	13.5	11.5	36.1	53.9	332	4,486

PERMEABILITY, IN MILLIDARCYS

WATER SAT., PERCENT

OIL SAT., PERCENT

31.



KEY:

SANDSTONE

SHALY SANDSTONE

SHALE

LAMINATED SANDSTONE AND SHALE

SHEEDY OIL GROUP, INC.

L. C. CHAMBERS B LEASE

WOODSON COUNTY, KANSAS

WELL NO. 2

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCS
800.0 - 806.7	6.7	12.4	42.6	45.4	4.8
806.7 - 813.5	6.8	10.7	29.6	62.2	2.3
800.0 - 813.5	13.5	11.5	36.1	53.9	4.4

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CHANUTE, KANSAS
APRIL, 1981

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