

# OILFIELD RESEARCH LABORATORIES

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

April 6, 1981

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

Gentlemen:

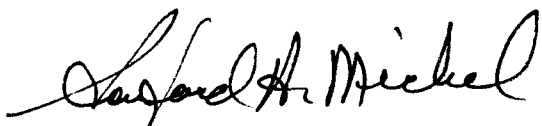
Enclosed herewith are the results of tests run on the rotary core taken from the Marvin Chambers B Lease, Well No. 1, located in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on March 25, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/mkf

5 c to Yates Center, Ks.  
1 c to Chanute, Kansas

# Oilfield Research Laboratories

## GENERAL INFORMATION & SUMMARY

Company Sheedy Oil Group, Inc. Lease Marvin Chambers B Well No. 1  
 Location \_\_\_\_\_  
 Section 19 Twp. 25S Rge. 17E County Woodson State Kansas

Elevation, Feet . . . . .	
Name of Sand . . . . .	Lower Squirrel
Top of Core . . . . .	795.0
Bottom of Core . . . . .	805.7
Top of Sand . . . . .	796.0
Bottom of Sand . . . . .	805.7
Total Feet of Permeable Sand . . . . .	5.7

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 1	2.7	2.7
1 - 5	2.0	4.7
5 - 7	1.0	5.7

Average Permeability Millidarcys . . . . .	2.5
Average Percent Porosity . . . . .	12.6
Average Percent Oil Saturation . . . . .	44.3
Average Percent Water Saturation . . . . .	36.2
Average Oil Content, Bbls./A. Ft. . . . .	452.
Total Oil Content, Bbls./Acre . . . . .	4,384.

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LOG

Name Sheedy Oil Group, Inc. Lease Marvin Chambers B

Well No. 1

<u>Depth Interval , Feet</u>	<u>Description</u>
795.0 - 796.0	Gray shale.
796.0 - 805.7	Gray and light brown laminated slightly calcareous shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Sheedy Oil Group, Inc. Lease Marvin Chambers B Well No. 1

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation		Oil Content Bbbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water			Ft.	Cum. Ft.		
1	796.5	10.3	30	59	240	Imp.	1.0	1.0	240	0.00
2	797.3	15.7	55	21	670	Imp.	1.0	2.0	670	0.00
3	798.5	13.4	41	37	426	0.41	1.0	3.0	426	0.41
4	799.5	15.9	58	19	715	4.5	1.0	4.0	715	4.50
5	800.5	15.1	57	33	668	0.92	1.0	5.0	668	0.92
6	801.6	13.8	41	39	439	1.65	1.0	6.0	439	1.65
7	802.5	9.2	26	60	186	Imp.	1.0	7.0	186	0.00
8	803.4	8.5	33	47	218	Imp.	1.0	8.0	218	0.00
9	804.4	12.9	47	14	470	6.6	1.0	9.0	470	6.60
10	805.5	10.8	60	32	503	0.31	0.7	9.7	352	0.22

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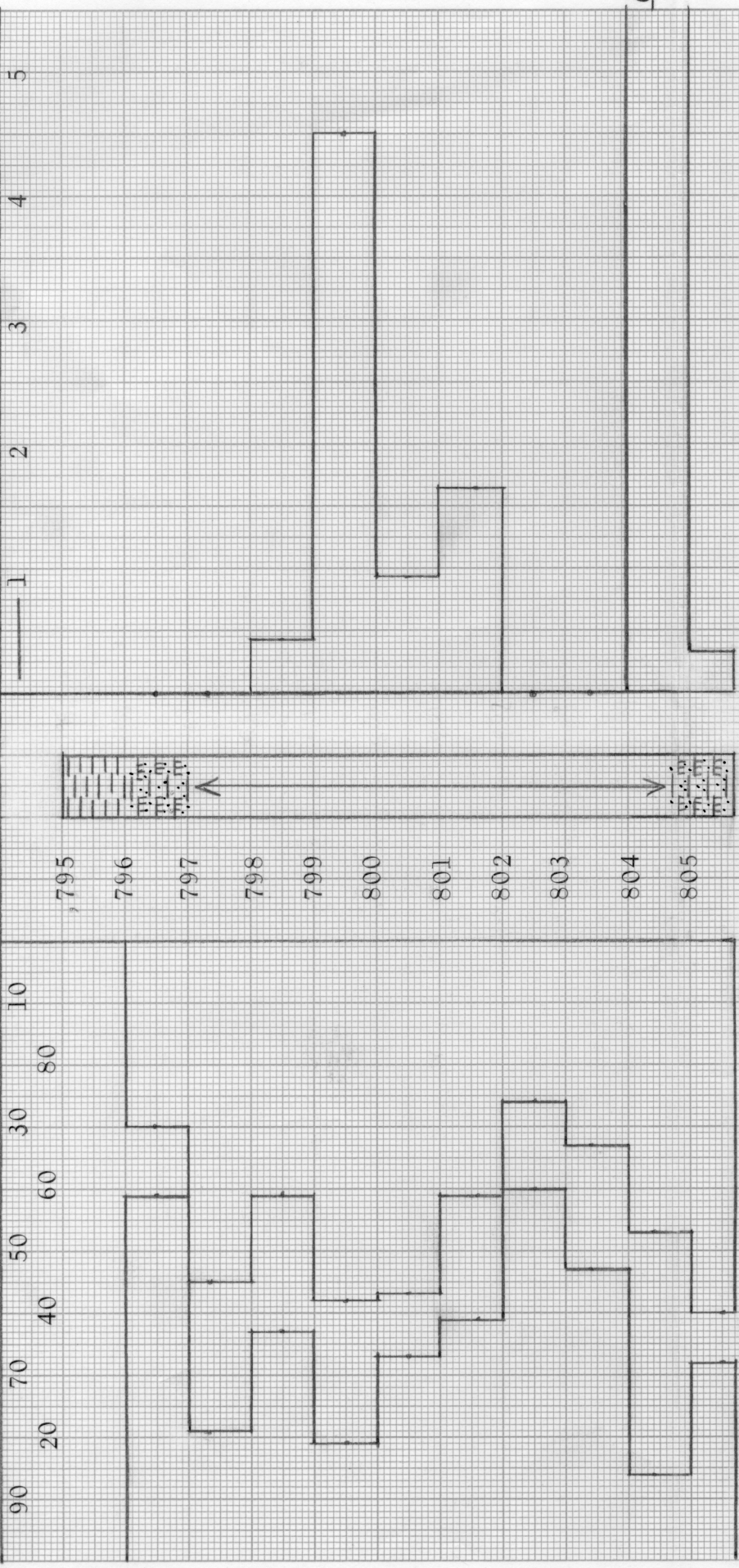
## SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Well No.					
Sheedy Oil Group, Inc.	Marvin Chambers B	1					
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Percent Porosity	Average Percent Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
796.0 - 805.7	5.7	2.5	14.30				
796.0 - 805.7	9.7			12.6	44.3	36.2	452
							4,384

— PERMEABILITY, IN MILLIDARCYS

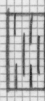
WATER SAT., PERCENT → ← OIL SAT., PERCENT



LAMINATED CALCREOUS SANDSTONE AND SHALE

SHALE

KEY:



# SHEEDY OIL GROUP, INC.

MARVIN CHAMBERS B LEASE

WELL NO. 1

WOODSON COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCS
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796.0 - 805.7

9.7

12.6

44.3

36.2

2.5

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CHANUTE, KANSAS  
APRIL, 1981

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