

N & B ENTERPRISES

CORE ANALYSIS REPORT

M. CHAMBERS LEASE

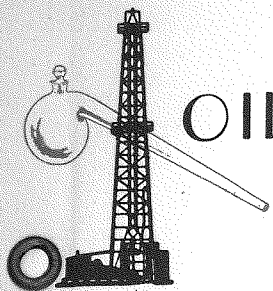
WELL NO. 1

WOODSON COUNTY, KANSAS

OILFIELD RESEARCH LABORATORIES

536 N. HIGHLAND

CHANUTE, KANSAS



OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

March 22, 1968

N & B Enterprises
Box 229
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the M. Chambers Lease, Well No. 1, Woodson County, Kansas, and submitted to our laboratory on March 20, 1968.

This core is from a virgin territory and was sampled and the samples sealed in tin cans by an employee of Oilfield Research Laboratories. The core was out 1 hour before being sampled.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:bjc

4 c. - N & B Enterprises
1 c. - Jim Guinotte

Company N & B Enterprises Lease M. Chambers Well No. 1Depth Interval, Description
Feet

- 955.0 - 957.2 - Grayish brown laminated shaly sandstone.
- 957.2 - 967.0 - Dark slightly carbonaceous slightly laminated shaly sandstone.
- 967.0 - 968.3 - Dark slightly carbonaceous laminated shaly sandstone.
- 968.3 - 970.4 - Silty shaly sandstone.
- 970.4 - 971.2 - Dark slightly carbonaceous sandstone.
- 971.2 - 973.0 - Silty shaly sandstone.
- 973.0 - 977.0 - Sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company N & B Enterprises Lease M. Chambers Well No. 1

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	957.3	17.3	55	19	74	738	12.	0.5	0.5	369	6.00
2	958.1	19.5	67	13	80	1013	73.	0.9	1.4	912	65.70
3	959.1	21.2	56	19	75	921	19.	1.0	2.4	921	19.00
4	960.1	19.3	55	14	69	824	40.	1.0	3.4	824	40.00
5	961.1	19.9	59	17	76	911	30.	1.0	4.4	911	30.00
6	962.1	22.9	62	15	77	1102	28.	1.0	5.4	1102	28.00
7	963.1	21.0	57	16	73	928	24.	1.0	6.4	928	24.00
8	964.1	20.7	59	18	77	948	37.	1.0	7.4	948	37.00
9	965.1	20.7	58	16	74	932	51.	1.0	8.4	932	51.00
10	966.1	21.0	63	17	80	1027	38.	1.4	9.8	1437	53.20
11	967.5	21.8	58	19	77	981	123.	1.3	11.1	1275	159.90
12	971.1	20.9	63	14	77	1022	70.	0.8	11.9	818	56.00
		20.7	59.5	16.5			47.9	11.9			569.80

OIL CONTENT
BBL./A. FT.

WATER SAT.,
PERCENT

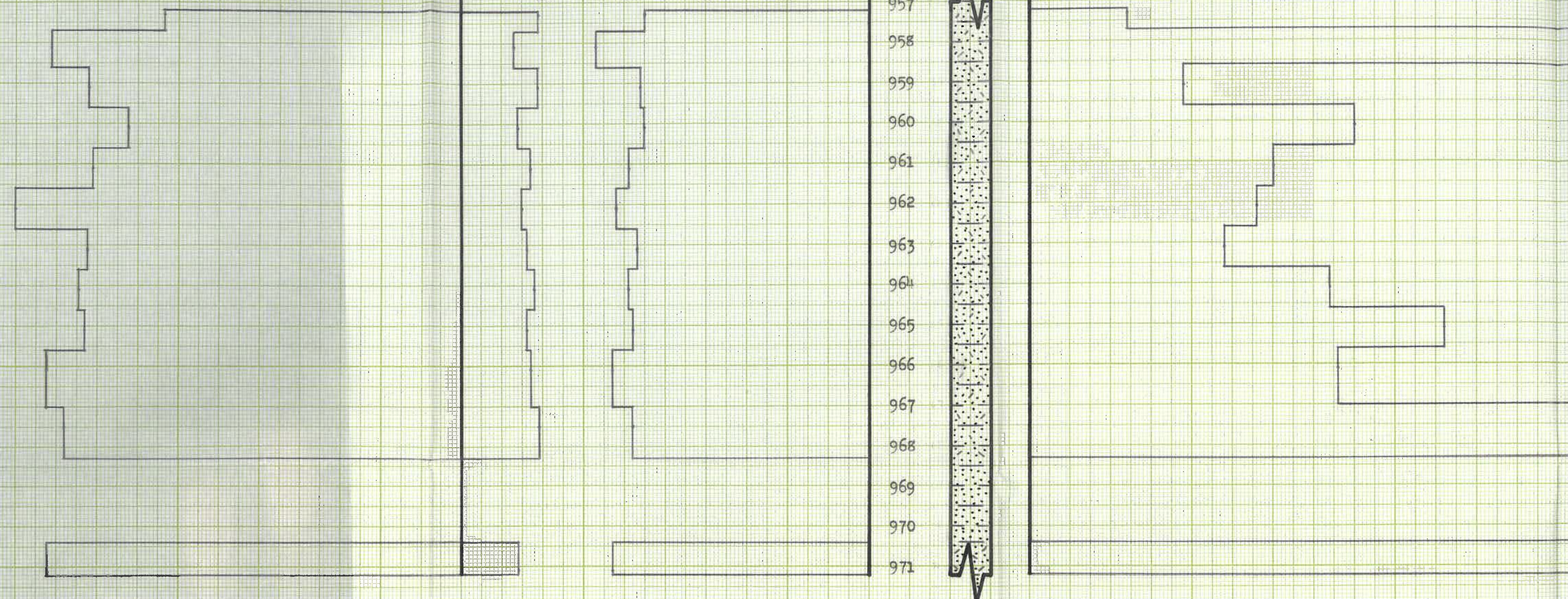
OIL SAT.,
PERCENT

AIR PERMEABILITY, MILLIDARCY

1000 800 600 400 200

90 70 50 30 10

10 20 30 40 50 60



KEY:
SHALY SANDSTONE

CARBONACEOUS SHALY SANDSTONE

CARBONACEOUS SANDSTONE

N. 8 B. ENTERPRISES

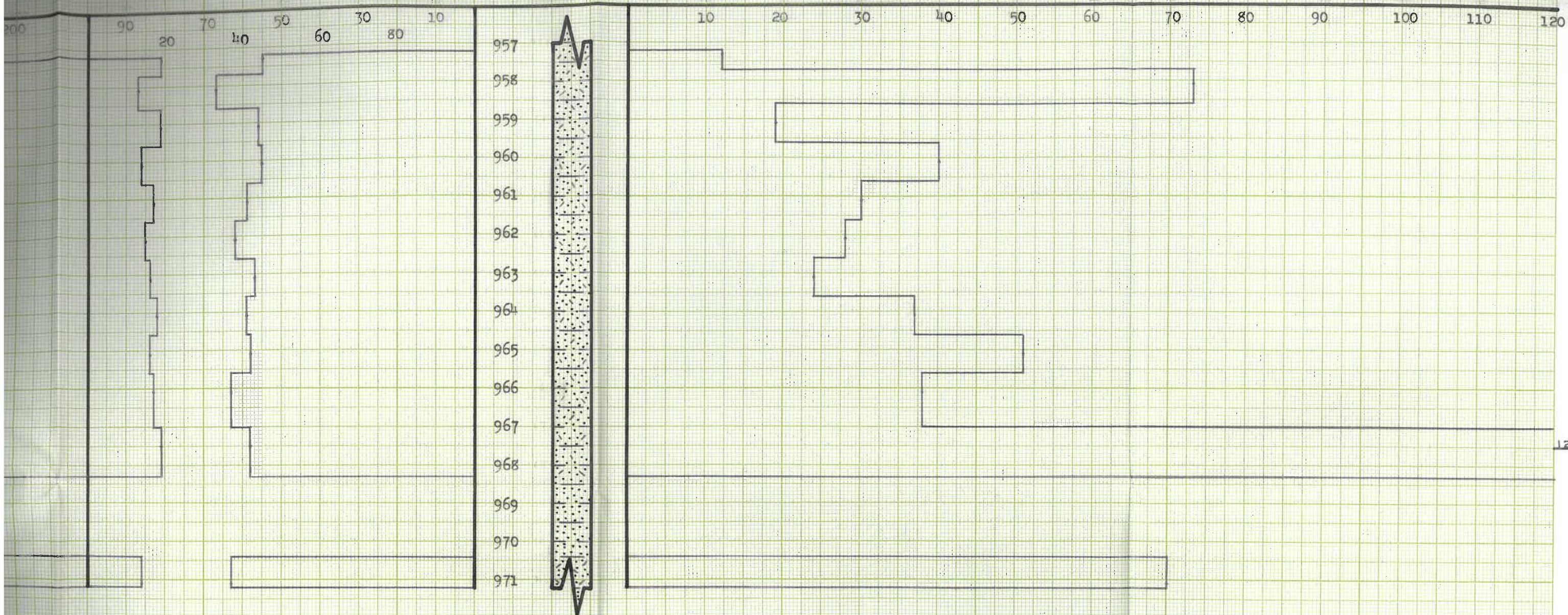
M. CHAMBERS LEASE WELL NO. 1
WOODSON COUNTY, KANSAS

DEPTH INTERVAL FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVG. OIL CONTENT BBL./A. FT.	TOTAL OIL CONTENT BBL./ACRE	AVG. AIR PERMEABILITY MILLIDARCY
957.2 - 971.2	11.9	21.4	61.8	17.3	957.	11,377.	47.9

WATER SAT., PERCENT

OIL SAT., PERCENT

AIR PERMEABILITY, MILLIDARCY



CARBONACEOUS SHALY SANDSTONE

CARBONACEOUS SANDSTONE

N. 8 B. ENTERPRISES

M. CHAMBERS LEASE WELL NO. 1
WOODSON COUNTY, KANSAS

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CHANUTE, KANSAS
MARCH, 1968

KEUFFEL & ESSER CO.
MADE IN U.S.A.