

OILFIELD RESEARCH LABORATORIES

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

January 19, 1981

Biron, Inc.
Box 211, 910 West Elm
Chanute, Kansas 66720

Gentlemen:

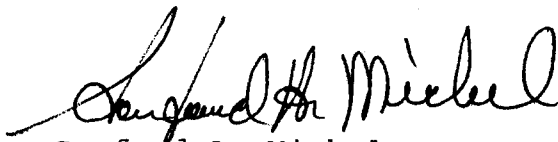
Enclosed herewith are the results of tests run on the rotary core taken from the Turner Lease, Well No. 10, located in Chautauqua County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on January 7, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Biron, Inc. Lease Turner Well No. 10
 Location NW ¼
 Section 14 Twp. 33S Rge. 10E County Chautauqua State Kansas

Elevation, Feet	-
Name of Sand	Peru
Top of Core	1284.0
Bottom of Core	1297.1
Top of Sand	1285.6
Bottom of Sand	1296.6
Total Feet of Permeable Sand	9.6

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 5	5.4	5.4
5 - 10	4.2	9.6

Average Permeability Millidarcys	5.0
Average Percent Porosity	14.1
Average Percent Oil Saturation	36.2
Average Percent Water Saturation	47.8
Average Oil Content, Bbls./A. Ft.	403.
Total Oil Content, Bbls./Acre	4,430.

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LOG

Name Biron, Inc. Lease Turner Well No. 10

<u>Depth Interval, Feet</u>	<u>Description</u>
1284.0 - 1285.6	Gray sandy shale.
1285.6 - 1296.2	Light brown slightly calcareous shaly sandstone.
1296.2 - 1296.6	Light brown slightly calcareous very shaly sandstone.
1296.6 - 1297.1	Gray sandy shale.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Biron, Inc. Lease Turner Well No. 10

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	1286.5	10.9	16	80	96	135	Imp.	1.4	1.4	189	0.00
2	1287.4	14.3	51	34	85	566	8.0	1.0	2.4	566	8.00
3	1288.5	16.2	31	46	77	390	9.1	1.0	3.4	390	9.10
4	1289.5	15.6	41	39	80	496	5.4	1.0	4.4	496	5.40
5	1290.6	14.3	33	56	89	366	2.0	1.0	5.4	366	2.00
6	1291.5	13.2	26	52	78	266	2.0	1.0	6.4	266	2.00
7	1292.5	14.4	57	37	94	637	4.3	1.0	7.4	637	4.30
8	1293.5	14.0	26	47	73	282	4.9	1.0	8.4	282	4.90
9	1294.4	14.9	32	50	82	370	4.9	1.0	9.4	370	4.90
10	1295.5	15.0	52	29	81	605	5.8	1.2	10.6	726	6.96
11	1296.4	11.4	40	44	84	354	0.42	0.4	11.0	142	0.17

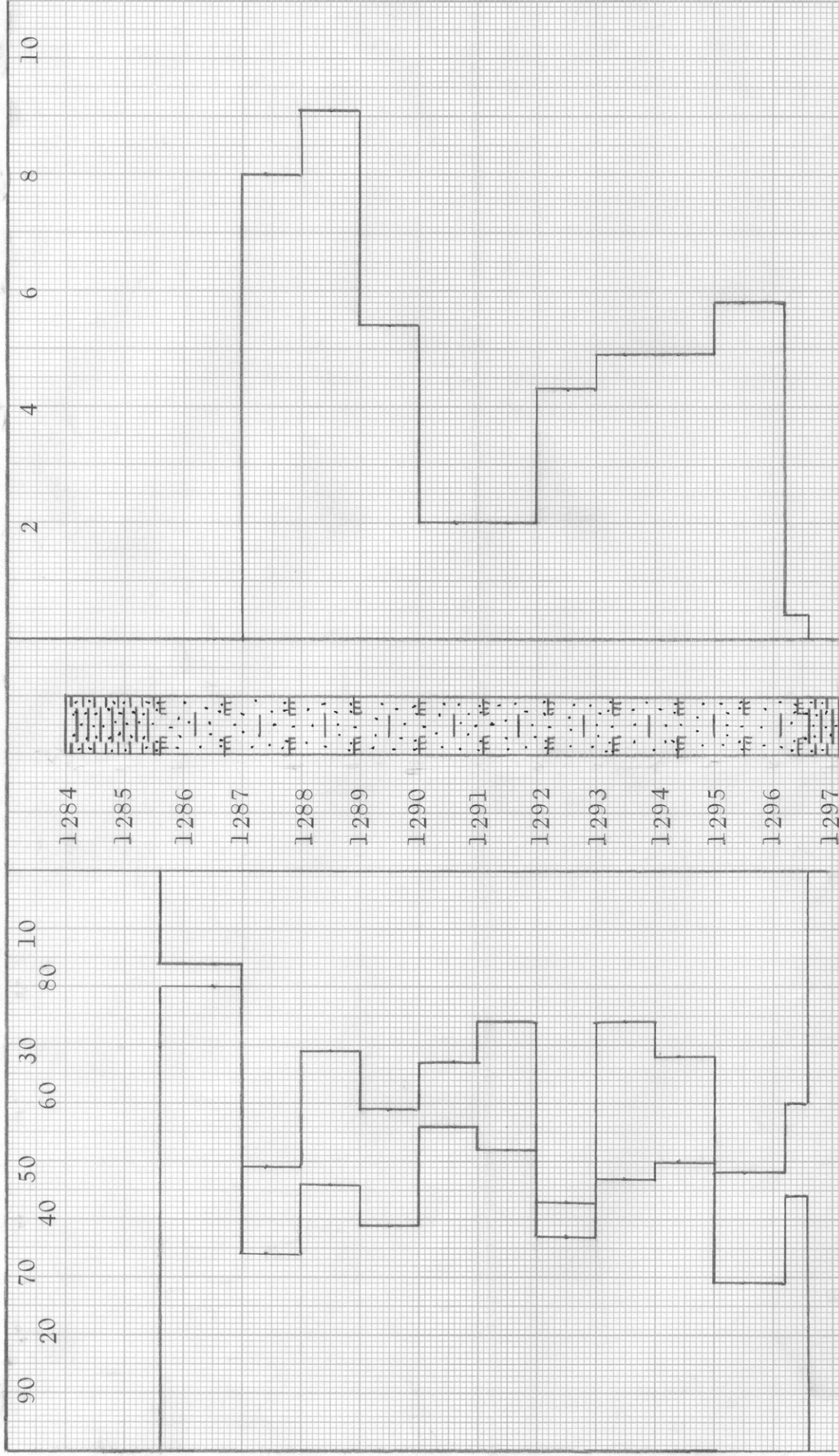
SUMMARY OF PERMEABILITY & SATURATION TESTS

Well No. 10

Company	Biron, Inc.	Lease	Turner	Well No.	10
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity, Ft. x Md.		
1285.6 - 1296.6	9.6	5.0	47.73		
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
1285.6 - 1296.6	11.0	14.1	36.2	47.8	4,430

WATER SAT., PERCENT → OIL SAT., PERCENT

— PERMEABILITY, IN MILLIDARCYS



KEY:

SANDY SHALE

SHALY CALCAREOUS SANDSTONE

BIRON, INC.

TURNER LEASE

WELL NO. 10

BIRON, INC.

TURNER LEASE

WELL NO. 10

CHAUTAUQUA COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY MILLIDARCYS
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1285.6 - 1296.6

11.0

14.1

36.2

47.8

5.0

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CHANUTE, KANSAS
JANUARY, 1981.

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