

OILFIELD RESEARCH LABORATORIES

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

November 9, 1982

Midway Oil Company
c/o Vic Leis
Box 223
Yates Center, Kansas 66783

Gentlemen:

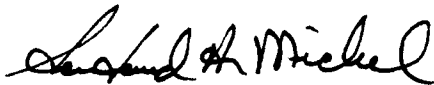
Attached hereto are the results of tests run on
the rotary core taken from the Tannahill Lease,
Well No. 20, located in Section 33, T-2³/₄S, R-16E,
Woodson County, Kansas.

The core was sampled and sealed in plastic bags
by a representative of the client and submitted
to our laboratory on November 5, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Yates Center, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOG

Company Midway Oil Company Lease Tannahill Well No. 20

Depth Interval,
Feet

Description

LOWER SQUIRREL SANDSTONE

1044.0 - 1045.3	Brown sandstone.
1045.3 - 1047.0	Brown sandstone with scattered gray shale and micaceous partings.
1047.0 - 1047.5	Grayish brown shaly sandstone.
1047.5 - 1048.0	Gray shale.
1048.0 - 1048.5	Alternate layers gray shale and brown sandstone.
1048.5 - 1048.7	Brown sandstone.
1048.7 - 1050.2	Gray very shaly sandstone with scattered fine brown sandstone partings.
1050.2 - 1054.0	Brown sandstone.
1054.0 - 1055.0	Brown shaly sandstone.
1055.0 - 1057.0	Grayish brown very shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Midway Oil Company Lease Tannahill Well No. 20

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	1044.5	21.6	60	11	71	1005	94.
2	1045.6	17.6	52	28	80	710	16.
3	1046.5	18.4	67	16	83	956	33.
4	1047.4	15.2	34	35	69	401	4.2
5	1048.6	21.4	52	15	67	863	130.
6	1049.5	8.3	27	70	97	174	Imp.
7	1050.5	20.4	55	22	77	870	13.
8	1051.5	20.3	63	13	76	992	58.
9	1052.5	18.5	59	15	74	847	18.
10	1053.5	19.5	61	15	76	923	43.
11	1054.5	16.5	48	47	95	614	3.6