



OILFIELD RESEARCH LABORATORIES

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

August 29, 1980

Wag Oil Company
Box 27
Elsmore, Kansas 66732

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Wagner Lease, Well No. 11, located in Section 15, T-24S, R-21E, Allen County Kansas and submitted to our laboratory on August 22, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/ks

5 c to Elsmore, Kansas

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LOGName Wag Oil Company Lease Wagner Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
650.0 - 651.0	Dark brown sandstone.
651.0 - 652.2	Light brown and gray laminated sandstone and shale.
652.2 - 653.3	Light brown shaly sandstone.
653.3 - 658.9	Dark brown slightly calcareous sandstone.
658.9 - 661.2	Dark brown shaly sandstone.
661.2 - 662.4	Gray sandy shale.
662.4 - 663.6	Brown shaly sandstone.
663.6 - 665.1	Black carbonaceous shaly sandstone.
665.1 - 667.3	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Wag Oil Company Lease Wagner Well No. 11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	650.5	17.7	51	45	96	700	14.
2	653.5	21.4	61	24	85	1013	32.
3	656.5	19.8	56	36	92	860	77.
4	659.5	17.6	47	40	87	642	6.4
5	662.5	16.7	12	55	67	156	5.2
6	666.5	17.3	41	48	89	550	1.6