



OILFIELD RESEARCH LABORATORIES

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

September 9, 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. 12, located in Section 15, T-24S, R-21E, Allen County, Kansas and submitted to our laboratory on August 28, 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. 12

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
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BARTLESVILLE SAND

648.0 - 649.3	Brown shaly sandstone.
649.3 - 650.9	Brown and gray laminated sandstone and shale.
650.9 - 653.1	Brown sandstone.
653.1 - 655.2	Brown and gray laminated sandstone and shale.
655.2 - 656.9	Dark brown sandstone.
656.9 - 658.6	Brown shaly sandstone.
658.6 - 662.4	Gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Wag Oil Company Lease Wagner Well No. 12

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	648.5	15.1	34	63	97	398	0.74
2	651.5	22.4	56	22	78	973	47.
3	653.6	3.7	12	80	92	34	1.8
4	656.5	18.6	57	31	88	823	371.