

# OILFIELD RESEARCH LABORATORIES

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

July 14, 1981

Magnum Oil Company  
Rural Route # 2, Box 139A  
Neodesha, Kansas 66757

Gentlemen:

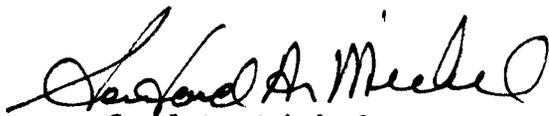
Attached hereto are the results of tests run on the rotary core taken from the Merrill Frankenberg Lease, Well No. 1,, located in Section 29, T-25S, R-16E, in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on July 13, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Neodesha, Kansas

- REGISTERED ENGINEERS -

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

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## LOG

Name Magnum Oil Company Lease Merrill Frankenberry Well No. 1

Depth Interval,  
Feet

Description

BARTLESVILLE SAND

877.0 - 882.2

Grayish brown sandstone.

882.2 - 893.3

Grayish light brown sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Magnum Oil Company Lease Merrill Frankenberg Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	877.5	18.4	34	41	75	485	37.
2	878.4	19.8	20	47	67	307	97.
3	879.6	18.3	33	36	69	469	49.
4	880.5	19.6	27	38	65	411	103.
5	881.4	15.5	42	44	86	505	12.
6	882.5	21.6	17	49	66	285	280.
7	883.4	26.8	19	61	80	395	899.
8	884.5	25.7	13	61	74	259	849.
9	885.5	19.2	19	64	83	283	60.
10	886.6	20.8	27	70	97	436	82.
11	887.4	22.6	17	74	91	298	121.
12	889.5	19.5	12	50	62	181	163.
13	890.3	18.6	13	70	83	188	30.
14	892.5	21.0	26	65	91	424	68.