



# OILFIELD RESEARCH LABORATORIES

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

September 14, 1982

R. F. B. Exploration  
P. O. Box N  
Sedan, Kansas 67361

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Wolfe Lease, Well No. 19, located in Section 23, T-33S, R-10E, in Chautauqua County, Kansas.

The core was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories and was submitted to our laboratory on September 13, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

  
Sanford A. Michel

SAM/rmc

5 c to Sedan, Kansas

- REGISTERED ENGINEERS -

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

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LOG

Company R. F. B. Exploration Lease Wolfe Well No. 19

Depth Interval,  
Feet

Description

WAYSIDE SANDSTONE

1308.0 - 1309.8

Gray shale.

1309.8 - 1314.5

Very light grayish brown very shaly slightly calcareous sandstone.

1314.5 - 1320.0

Very light grayish brown very shaly slightly calcareous sandstone containing widely scattered very fine shale partings.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company R. F. B. Exploration Lease Wolfe Well No. 19

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation |       |       | Oil Content Bbls. / A Ft. | Perm., Mill. |
|------------|-------------|------------------|--------------------|-------|-------|---------------------------|--------------|
|            |             |                  | Oil                | Water | Total |                           |              |
| 1          | 1311.6      | 10.3             | 21                 | 74    | 95    | 168                       | Imp.         |
| 2          | 1312.5      | 12.4             | 5                  | 92    | 97    | 48                        | Imp.         |
| 3          | 1313.4      | 11.3             | 4                  | 93    | 97    | 35                        | Imp.         |
| 4          | 1315.6      | 12.0             | 6                  | 89    | 95    | 56                        | Imp.         |
| 5          | 1317.5      | 9.7              | 8                  | 71    | 79    | 60                        | 0.33         |
| 6          | 1318.5      | 11.7             | 20                 | 78    | 98    | 182                       | Imp.         |
| 7          | 1319.4      | 12.0             | 1                  | 95    | 96    | 9                         | Imp.         |