



OILFIELD RESEARCH LABORATORIES

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May 24, 1985

Prairie Resources Corporation
7800 West 110th Street, Suite 122
Overland Park, Kansas 66210

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Ridgeview Lease, Well No. 3-A, located in Section 19, T-14S, R-24E, Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on May 23, 1985.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD/ral

5 c to Overland Park, Kansas

- REGISTERED ENGINEERS -

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

LOGCompany Prairie Resources Corporation Lease Ridgeview Well No. 3-A

| <u>Depth Interval, Feet</u> | <u>Description</u> |
|---------------------------------|--|
| | <u>LOWER SQUIRREL SANDSTONE</u> |
| 3.0 715.0 - 718.0 | Sandstone, dark brown, slightly calcareous. |
| 0.6 718.0 - 718.6 | Sandstone, grayish brown, very shaly, slightly calcareous. |
| 718.6 - 718.9 | Limestone, gray. |
| 718.9 - 719.5 | Sandstone, dark brown, calcareous. |
| 3.6 719.5 - 723.6 | Shale, gray. |

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Prairie Resources Corporation Lease Ridgeview Well No. 3-A

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation | | | Oil Content Bbls. / A. Ft. | Permeability, Millidarcys |
|------------|-------------|------------------|--------------------|-------|-------|----------------------------|---------------------------|
| | | | Oil | Water | Total | | |
| 1 | 715.6 | 19.0 | 57 | 33 | 90 | 840 | 44. |
| 2 | 716.5 | 20.5 | 50 | 26 | 76 | 795 | 101. |
| 3 | 717.5 | 20.7 | 46 | 33 | 79 | 739 | 82. |
| 4 | 719.3 | 11.6 | 47 | 51 | 98 | 423 | 0.21 |

