



OILFIELD RESEARCH LABORATORIES

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

January 25, 1982

Fredonia Producing Company
360 South Monroe # 440
Denver, Colorado 80209

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Berckefeldt Lease, Well No. 1516-910, located 495' from the West Line and 495' from the North Line of the Northeast $\frac{1}{4}$ in Section 1, T-29S, R-14E, in Wilson County, Kansas.

The cores were sampled by a representative of Oilfield Research Laboratories and were received in our laboratory on January 20, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas

4 c to Denver, Colorado
1 c to P. O. Box 183
Chanute, Kansas 66720

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LOGName Fredonia Producing Company Lease Berckefeldt Well No.1516-910

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

1008.0 - 1008.5	Gray shale.
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1008.5 - 1009.8	Coal.
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1009.8 - 1023.0	Gray shale.
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1023.0 - 1083.0	No Core.
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LOWER BARTLESVILLE SAND

1083.0 - 1083.7	Grayish brown shaly sandstone with fine micaceous partings.
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RESULTS OF SATURATION & PERMEABILITY TESTS

Company Fredonia Producing Co. Lease Berckefeldt Well No. 1516-910

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1083.4	13.7	56	37	93	595	Imp.