



OILFIELD RESEARCH LABORATORIES

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

December 22, 1982

Red Bear Oil
c/o Red Bear Drilling
525 East 86th Street
New York, New York 10028

Gentlemen:

Attached hereto are the results of the tests run on the rotary core taken from the Hazen "C" West Lease, Well No. 4, located in Section 35, T-22S, R-16E, Coffey County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 18, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to New York, New York

- REGISTERED ENGINEERS -

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

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LOGCompany Red Bear Oil Lease Hazen "C" West Well No. 4Depth Interval,
FeetDescriptionSQUIRREL SANDSTONE

961.0 - 961.3	Gray shale.
961.3 - 962.0	Grayish brown very shaly sandstone.
962.0 - 963.0	Grayish brown shaly sandstone.
963.0 - 965.0	Grayish brown very shaly sandstone.
965.0 - 966.0	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Red Bear Oil Lease Hazen "C" West Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	961.4	12.4	38	59	97	366	Imp.
2	962.3	13.8	48	31	79	514	1.5
3	963.4	12.1	46	50	96	432	0.22
4	964.5	14.5	50	42	92	562	Imp.