



OILFIELD RESEARCH LABORATORIES

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

November 26, 1982

Rubar Oil
c/o John Rubow
P. O. Box 705
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Barr Lease, Well No. 9, located 1365' from the North Line and 965' from the West Line in Section 20, T-26S, R-17E, Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 24, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

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

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LOGCompany Rubar Oil Lease Barr Well No. 9

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>SQUIRREL SANDSTONE</u>
804.0 - 806.3	Brown sandstone with scattered gray shale and mica partings.
806.3 - 807.2	Brown sandstone.
807.2 - 807.5	Grayish brown very shaly sandstone.
807.5 - 807.9	Brown sandstone.
807.9 - 808.4	Brown sandstone with fine gray shale and mica partings.
808.4 - 808.6	Brown sandstone.
808.6 - 809.0	Brown sandstone with fine gray shale partings.
809.0 - 810.4	Brown sandstone.
810.4 - 811.6	Gray and brown laminated shale and sandstone.
811.6 - 812.8	Brown sandstone.
812.8 - 813.3	Grayish brown very shaly sandstone.
813.3 - 814.0	Brown sandstone.
814.0 - 814.8	Gray slightly sandy shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Rubar Oil Lease Barr Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbbs. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	804.5	17.3	53	22	75	711	44.
2	805.5	17.1	47	28	75	624	13.
3	806.5	18.2	49	24	73	692	42.
4	807.6	19.9	39	18	57	602	101.
5	808.5	18.5	48	19	67	689	145.
6	809.4	19.9	54	18	72	834	113.
7	810.3	21.5	49	21	70	817	110.
8	811.7	20.7	54	12	66	846	158.
9	812.7	21.3	55	15	70	909	118.
10	813.5	20.1	54	14	65	795	121.