



OILFIELD RESEARCH LABORATORIES

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

August 5, 1982

Lowe & Roberts
Colonial Bldg.
P. O. Box 580
Olathe, Kansas 66061

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Williams No. 1 Lease, Well No. 5, located in the Southwest $\frac{1}{4}$, in Section 19, T-14S, R-24E, in Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on August 4, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Olathe, Kansas

- REGISTERED ENGINEERS -

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

OILFIELD RESEARCH LABORATORIESLOGName Lowe & Roberts Lease Williams No. 1 Well No. 5

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>3RD SQUIRREL</u>
712.0 - 712.4	Gray shaly sandstone.
712.4 - 712.8	Dark brown slightly calcareous sandstone.
712.8 - 713.0	Gray shale.
713.0 - 713.5	Dark brown slightly calcareous sandstone.
713.5 - 714.0	Gray shale.
714.0 - 716.0	Dark Brown slighly calcareous sandstone.
716.0 - 718.0	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lowe & Roberts Lease Williams No. 1 Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	712.5	23.3	56	16	72	1012	115.
2	713.4	25.6	50	21	71	993	97.
3	714.5	27.4	54	26	80	1148	89.
4	715.5	26.9	54	11	65	1127	156.