



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

Attached hereto are the results of tests run on the rotary core taken from the Williams No. 1 Lease, Well No. 6, 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

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LOGName Lowe & Roberts Lease Williams No. 1 Well No. 6

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>3RD SQUIRREL</u>
715.0 - 715.4	Alternate layers gray shale and brown slightly calcareous sandstone.
715.4 - 716.2	Dark brown slightly calcareous sandstone.
716.2 - 716.8	Grayish brown very shaly sandstone.
716.8 - 719.5	Dark brown slightly calcareous sandstone.
719.5 - 720.0	Light brown sandstone.
720.0 - 723.2	Dark brown slightly calcareous sandstone.
723.2 - 724.0	Grayish brown very shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lowe & Roberts Lease Williams No. 1 Well No. 6

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	715.6	27.8	52	15	67	1122	181.
2	717.3	26.4	57	18	75	1167	78.
3	718.5	27.1	47	17	64	988	163.
4	719.4	26.4	48	18	66	983	181.
5	720.5	25.7	45	19	64	897	133.
6	721.6	24.4	51	18	69	965	89.
7	722.6	28.2	51	14	65	1116	273.