



OILFIELD RESEARCH LABORATORIES

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

August 13, 1982

Lowe & Roberts
Colonial Building
Olathe, Kansas 66061

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Williams I Lease, Well No. 12, located 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 12, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.L.

Sanford A. Michel

SAM/rmc

3 c to Olathe, Kansas

2 c to Elmer Sieg, Ottawa, Kansas

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LOGCompany Lowe & Roberts Lease Williams I Well No. 12

<u>Depth Interval, Feet</u>	<u>Description</u>
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THIRD SQUIRREL SANDSTONE

724.0 - 725.2	Gray slightly sandy shale.
725.2 - 726.2	Grayish brown shaly sandstone.
726.2 - 727.5	Brown sandstone.
727.5 - 728.1	Gray shale.
728.1 - 732.5	Brown sandstone.
732.5 - 732.8	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lowe & Roberts Lease Williams I Well No. 12

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	725.5	18.8	22	65	87	321	1.0
2	726.7	24.6	27	44	71	515	25.
3	727.4	23.0	29	42	71	517	46.
4	728.5	26.1	48	27	75	972	62.
5	729.4	24.6	52	24	76	992	64.
6	730.5	26.7	49	26	75	1,015	153.
7	731.6	26.9	48	26	74	1,002	69.
8	732.4	25.7	47	23	70	937	67.