



OILFIELD RESEARCH LABORATORIES

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

June 22, 1979

The Fleetwood Corporation
P.O. Box 431
Glenview, Illinois 60025

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Kramer Lease, Well No. 1, Johnson County, Kansas, and submitted to our laboratory on June 18, 1979.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:km

3 c to Glenview, Illinois
2 c to Centerville, Kansas

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GENERAL INFORMATION & SUMMARY

Company The Fleetwood Corporation Lease Kramer Well No. 1
 Location 920' NSL & 154' WEL
 Section 17 Twp. 14S Rge. 22E County Johnson State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 937.0

Bottom of Core - - - - - 943.0

Top of Sand - - - - - 937.0

Bottom of Sand - - - - - 940.7

Total Feet of Permeable Sand - - - - - 3.7

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

47 - 75
149 & Above

1.4
2.3

1.4
3.7

Average Permeability Millidarcys - - - - - 460.5

Average Percent Porosity - - - - - 22.0

Average Percent Oil Saturation - - - - - 48.4

Average Percent Water Saturation - - - - - 20.4

Average Oil Content, Bbls./A. Ft. - - - - - 830.

Total Oil Content, Bbls./Acre - - - - - 3,072.

Average Percent Oil Recovery by Laboratory Flooding Tests - - - - -

Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft. - - - - -

Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre - - - - -

Total Calculated Oil Recovery, Bbls./Acre - - - - -

Packer Setting, Feet - - - - -

Viscosity, Centipoises @ - - - - -

A. P. I. Gravity, degrees @ 60 °F - - - - -

Elevation, Feet - - - - -

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LOG

Name The Fleetwood Corporation Lease Kramer Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
937.0 - 937.7	Brown and gray laminated sandstone and shale.
937.7 - 940.7	Dark brown sandstone.
940.7 - 943.0	Gray sandy shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company The Fleetwood Corporation Lease Kramer Well No. 1

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	937.5	21.1	45	21	66	737	74.	0.7	0.7	516	51.80
2	938.5	24.6	51	15	66	973	1131.	1.3	2.0	1268	1470.30
3	939.5	20.3	47	18	65	740	149.	1.0	3.0	740	149.00
4	940.5	20.6	49	33	82	783	47.	0.7	3.7	548	32.90

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Lease		Kramer		Well No.	
The Fleetwood Corporation						1	
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Permeability Capacity Ft. x Md.	Total Oil Content Bbbs./Acre
937.0 - 940.7	3.7	22.0	48.4	20.4	830	1704.00	3,072