OILFIELD RESEARCH LABORATORIES

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

April 3, 1979

Rantoul Industries
Rt. #1, Box 99
Rantoul, Kansas 66079

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Hahn Lease, Well No. 8, Franklin County, Kansas, and submitted to our laboratory on March 29, 1979.

This core was sampled by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman

SAM:km
5 c to Rantoul, Kansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Rantoul Industries Lease Hahn Well No. 8

Location 440' FWL & 880' FNL SE

Section 22 Twp. 18S Rge. 21E County Franklin State Kansas

Name of Sand	Lower Squirrel
Top of Core	564.0
Bottom of Core	575.0
Top of Sand	564.0
Bottom of Sand	566.0
Total Feet of Permeable Sand	1.0
Total Feet of Floodable Sand	

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.

Average Permeability Millidarcys	
Average Percent Porosity	
Average Percent Oil Saturation	
Average Percent Water Saturation	
Average Oil Content, Bbls./A. Ft.	
Total Oil Content, Bbls./Acre	
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

Company Rantoul Industries Lease Hahn Well No. 8

Depth Interval, Feet	Description
564.0 - 566.0	Brown shaly sandstone.
566.0 - 575.0	Gray sandy shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Rantoul Industries Lease Hahn Well No. 8

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	564.5	15.5	36	45	81	433	3.4	1.0	1.0	433	3.40
2	565.5	12.4	7	88	95	67	Imp.	1.0	2.0	67	0.00