



OILFIELD RESEARCH LABORATORIES

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

December 3, 1979

Remco Well Servicing
Rural Route 4
P.O. Box 67
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Ashcraft Lease, Well No. 9, Neosho County, Kansas, and submitted to our laboratory on November 15, 1979.

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

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

SAM/tem
5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

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

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GENERAL INFORMATION & SUMMARY

Company Remco Well Servicing Lease Ashcraft Well No. 9

Location 165' WEL & 165' SNL NW $\frac{1}{4}$

Section 2 Twp. 29S Rge. 20E County Neosho State Kansas

Name of Sand	-		Bartlesville
Top of Core	-		501.0
Bottom of Core	-		504.0
Top of Sand	-		501.0
Bottom of Sand	-		502.8
Total Feet of Permeable Sand	-		1.8
Total Feet of Floodable Sand	-		

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

0 - 1	0.8	0.8
1 - 2	1.0	1.8

Average Permeability Millidarcys	-		1.1
Average Percent Porosity	-		13.7
Average Percent Oil Saturation	-		23.2
Average Percent Water Saturation	-		58.3
Average Oil Content, Bbls./A. Ft.	-		246.
Total Oil Content, Bbls./Acre	-		442.
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 Remco Well Servicing Lease Ashcraft Well No. 9

Depth Interval,
Feet

Description

501.0 - 502.8

Light brown shaly sandstone.

502.8 - 504.0

Dark shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Remco Well Servicing

Lease Ashcraft

Well No. 9

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	501.5	13.4	25	53	78	260	1.4	1.0	1.0	260	1.40
2	502.5	14.0	21	65	86	228	0.63	0.8	1.8	182	0.50

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Remco Well Servicing	Lease	Ashcraft	Well No.		9
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.			
501.0 - 502.8	1.8	1.1	1.90			
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbl./Acre	
501.0 - 502.8	1.8	23.2	58.3	246	442	
		13.7				