



# OILFIELD RESEARCH LABORATORIES

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

November 8, 1979

Gibbs & McCoy  
P.O. Box 247  
Thayer, Kansas 66776

Gentlemen:

Enclosed herewith are the results of tests run on the Robert Louia Lease, Well No. 2, Wilson County, Kansas, and submitted to our laboratory on November 1, 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

BRP:km  
5 c to Thayer, Kansas

# Oilfield Research Laboratories

## GENERAL INFORMATION & SUMMARY

Company Gibbs & McCoy Lease Robert Louia Well No. 2

Location 1335' FSL & 660' FWL SW $\frac{1}{4}$  NE $\frac{1}{4}$

Section 34 Twp. 29S Rge. 16E County Wilson State Kansas

Formation	
Name of Sand - - - - -	Altamont
Top of Core - - - - -	428.0
Bottom of Core - - - - -	433.2
Formation	
Top of Sand - - - - -	428.0
Formation (Tested)	
Bottom of Sand - - - - -	432.2
Formation	
Total Feet of Permeable Sand - - - - -	2.0
Total Feet of Floodable Sand - - - - -	

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 2	2.0	2.0

Average Permeability Millidarcys - - - - -	1.4
Average Percent Porosity - - - - -	6.6
Average Percent Oil Saturation - - - - -	55.8
Average Percent Water Saturation - - - - -	39.2
Average Oil Content, Bbls./A. Ft. - - - - -	304.
Total Oil Content, Bbls./Acre - - - - -	1,276.
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 Gibbs & McCoy Lease Robert Louia Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
428.0 - 432.2	Grayish light brown limestone.
432.2 - 433.2	Gray shale.

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## RESULTS OF SATURATION & PERMEABILITY TESTS

**TABLE 1-B**

Company Gibbs & McCoy

Lease Robert Louia

Well No. 2

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	428.5	2.9	57	40	97	128	Imp.	1.0	1.0	128	0.00
2	429.5	9.7	52	40	92	391	1.0	1.0	2.0	391	1.00
3	430.5	11.7	69	27	96	626	1.7	1.0	3.0	626	1.70
4	431.5	3.0	47	48	95	109	Imp.	1.2	4.2	131	0.00

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## SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Gibbs & McCoy Lease Robert Louia Well No. 2

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
428.0 - 432.2	2.0	1.4	2.70				
428.0 - 432.2	4.2			55.8	39.2	304	1,276