



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

700 NORTH MISSION - OKMULGEE, OKLAHOMA - PHONE SK6-4444

Chanute, Kansas

August 19, 1965

Nadel & Gussman  
1714 First National Building  
Tulsa, Oklahoma

Gentlemen:

Attached hereto are the results of tests run on the Rotary core taken from the Welch "B" Lease, Well No. 2, Greenwood County, Kansas, and submitted to our laboratory on August 16, 1965.

This core was sampled and the samples sealed in cans by a representative of Oilfield Research Laboratories. The well was drilled in virgin territory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Benjamin R. Pearman*  
Benjamin R. Pearman

BRP:rf

4 c. - Tulsa, Oklahoma  
3 c. - Wichita, Kansas

## OILFIELD RESEARCH LABORATORIES

-LOG-

Company Nadel & Gussman Lease Welch "B" Well No. 2

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
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CATTLEMAN

2400.0 - 2401.0 - Light brown, slightly shaly sandstone.  
2401.0 - 2407.0 - Shale.  
2407.0 - 2408.0 - Sandy shale.  
2408.0 - 2411.0 - Soft shale.  
2411.0 - 2432.6 - Alternate layers of sandstone and shale.  
2432.6 - 2436.0 - Light brown, slightly shaly sandstone.  
2436.0 - 2437.0 - Shale.  
2437.0 - 2450.0 - Drilled.

BARTLESVILLE

2450.0 - 2459.0 - Sandy shale.  
2459.0 - 2470.0 - Laminated sandstone and shale.  
2470.0 - 2473.0 - Alternate layers of sandstone and shale.  
2473.0 - 2485.0 - Shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Nadel & Gussman Lease Welch "B" 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	2400.1	14.7	17	53	70	194	0.53				
2	2433.1	15.6	26	50	76	314	3.7				
3	2434.1	15.1	19	54	73	222	4.7				
4	2435.1	15.9	22	51	73	272	3.9				