

OILFIELD RESEARCH LABORATORIES

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December 10, 1959

C. Pauly & M. T. Kilby
Box 27
Yates Center, Kansas

Gentlemen:

Attached hereto are the results of tests run on the 2 $\frac{1}{4}$ " Rotary core samples taken from the Leis Lease, Well No. 6, located in the NW $\frac{1}{4}$, NE $\frac{1}{4}$, Section 12, Township 25S, Range 15E, Woodson County, Kansas, and submitted to our laboratory by Mr. Kilby on December 7, 1959.

These core samples were sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. McElrea
Carl L. McElrea

CLM:cs

3 c.

12-25-15E

Leis 6

Oilfield Research Laboratories

RESULTS OF LABORATORY FLOODING TESTS

TABLE IV

Company C. Pauly & M. T. Kilby Lease Leis Well No. 6

Sample No.	Depth, Feet	Effective Porosity Percent	Original Oil Saturation		Oil Recovery		Residual Saturation			Volume of Water Recovered cc*	Effective Permeability Millidarcys**	Initial Fluid Production Pressure Lbs./Sq./In.
			%	Bbls./A. Ft.	%	Bbls./A. Ft.	% Oil	% Water	Bbls./A. Ft.			
1	980.0	19.7	46	704	0	0	46	35	704	0	Imp.	50+
2	985.0	17.7	48	660	0	0	48	44	660	0	Imp.	50+
3	987.0	17.9	53	736	0	0	53	40	736	6	0.162	50

Notes: cc—cubic centimeter.

*—Volume of water recovered at the time of maximum oil recovery.

**—Determined by passing water through sample which still contains residual oil.