



15-019-25694

26-33s-11E

OILFIELD RESEARCH LABORATORIES

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December 31, 1987

Burlington Oil Company
3627 Gillham Road #34
Kansas City, MO 64111

Attn: Roy A. Burt, Jr.

Gentlemen:

Attached hereto are the results of tests run on the rotary core samples taken from the Lantz Lease, Well No. 15, located 2310 feet from the South Line and 2805 feet from the East Line in Section 26, T33S, R11E, Chautauqua County, Kansas.

The core samples were sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 9, 1987.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
Alan M. Dunning

AMD:bl

5 c to Kansas City, MO

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

- REGISTERED ENGINEERS -

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

Oilfield Research Laboratories
RESULTS OF LABORATORY FLOODING TESTS

TABLE IV

Company			Burlington Oil Company			Lease			Lantz			Well No.			15		
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.					
			%	Bbbs./A. Ft.	%	Bbbs./A. Ft.	% Oil	% Water	Bbbs./A. Ft.								
2	1087.5	19.2	25	372	0	0	25	67	372	98	1.07	25					
5	1090.5	18.3	28	398	2	28	26	72	370	396	9.33	15					
8	1093.5	17.9	26	361	2	28	24	62	333	20	0.38	35					
12	1097.5	17.6	34	464	0	0	34	43	464	0	Imp.	-					

*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.