



OILFIELD RESEARCH LABORATORIES

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

January 19, 1981

James E. Russell Petroleum, Inc.
P. O. Box 2618
Abilene, Texas 79604

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Jackson Lease, Well No. 4-A, located 900' South of the North Line and 2440' East of the West Line in the Northwest- $\frac{1}{4}$ in Section 15, T-26S, R-20E in Allen County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories and was received in the laboratory on December 4, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

3 c to Abilene, Texas
2 c to Chanute, Kansas

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LOGName James E. Russell Petroleum, Inc. Lease Jackson Well No. 4-A

<u>Depth Interval, Feet</u>	<u>Description</u>	<u>BARTLESVILLE SAND</u>
698.0 - 699.8	Shale and sandstone, gray laminated.	
699.8 - 712.6	Shale, gray sandy.	
712.6 - 713.2	Sandstone, gray, very shaly.	
713.2 - 715.4	Sandstone, black, carbonaceous shaly, slightly calcareous.	
715.4 - 718.5	Shale, gray sandy.	

ELEVATION

DATUM: MEAN SEA LEVEL (GROUND LEVEL) 987.8'

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I

James E. Russell
Company Petroleum, Inc. Lease Jackson Well No. 4-A

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	713.6	12.9	59	11	70	591	0.52
2	714.4	14.1	51	24	75	558	Imp.