



# OILFIELD RESEARCH LABORATORIES

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

July 16, 1982

B & R Oil Company  
c/o Don Bogle  
1 West Osage  
Paola, Kansas 66071

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Wingert Lease, Well No. 11, located in the Northwest  $\frac{1}{4}$ , of Section 9, T-17S, R-22E, in Miami County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on July 15, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/dlb

1 c to Paola, Kansas  
3 c to Scottsdale, Arizona  
1 c to Baldwin, Kansas

- REGISTERED ENGINEERS -

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

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LOGName B & R Oil Company Lease Wingert Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
685.0 - 685.8	Brown sandstone.
685.8 - 687.0	Brown shaly sandstone.
687.0 - 688.0	Brown sandstone.
688.0 - 688.9	Brown very shaly sandstone.
688.9 - 691.0	Brown shaly sandstone.
691.0 - 692.0	Brown sandstone.
692.0 - 692.5	Light brown slightly shaly sandstone.
692.5 - 694.6	Gray slightly sandy limestone.
694.6 - 695.0	Brown slightly shaly sandstone.
695.0 - 698.0	Brown sandstone.
698.0 - 698.6	Brown shaly sandstone.
698.6 - 699.9	Gray sandy limestone.
699.9 - 204.6	Brown sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE I

Company B & R Oil Company Lease Wingert Well No. 11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	685.5	21.0	46	35	81	749	14.
2	686.6	17.8	30	61	91	414	4.8
3	687.5	19.6	35	49	84	532	13.
4	688.4	14.1	34	57	91	372	.21
5	689.4	17.8	40	50	90	552	3.3
6	690.4	16.1	43	53	96	537	2.5
7	691.4	20.0	26	60	86	403	13.
8	692.4	19.0	18	59	77	265	6.3
9	693.5	6.3	15	80	95	73	Imp.
10	694.7	18.0	36	61	97	503	8.9
11	695.5	17.8	20	68	88	276	12.
12	696.5	22.1	35	51	86	600	49.
13	697.5	19.8	23	55	78	353	13.
14	698.5	16.2	24	68	92	302	4.2
15	699.6	5.8	12	83	95	54	Imp.
16	700.4	22.0	31	50	81	529	99.
17	701.6	20.6	26	47	73	416	26.
18	702.5	19.5	17	57	74	257	19.
19	703.5	20.5	42	53	95	668	14.
20	704.3	16.2	37	60	97	465	24.