



# OILFIELD RESEARCH LABORATORIES

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

May 12, 1981

Hazlett Oil Company  
c/o John Siddal  
R R # 3, Box 13  
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Gallon Lease, Well No. 9, located 165' North of the South Line and 950' East of the West Line in the North  $\frac{1}{2}$  of the Southwest  $\frac{1}{4}$  in Section 1, T-28S, R-15E, in Wilson County, Kansas.

The core was sampled and sealed in plastic by a representative of the client and was submitted to our laboratory on May 7, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

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

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LOGName Hazlett Oil Company Lease Gallon Well No. 9

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
1068.0 - 1069.2	Light brown and gray laminated sandstone and shale.
1069.2 - 1071.0	Brown sandstone.
1071.0 - 1071.7	Brown shaly sandstone.
1071.7 - 1072.5	Brown sandstone.
1072.5 - 1073.6	Brown shaly sandstone.
1073.6 - 1074.6	Light brown and gray laminated sandstone and shale.
1074.6 - 1077.2	Gray sandy shale.
1077.2 - 1082.0	Grayish light brown shaly sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Hazlett Oil Company Lease Gallon Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1068.4	15.1	45	21	66	527	2.1
2	1069.6	19.0	33	29	62	486	26.
3	1070.4	14.8	21	47	68	241	15.
4	1071.5	12.8	50	38	88	497	6.9
5	1072.4	14.6	38	33	71	430	10.
6	1073.5	15.5	44	40	84	529	0.98
7	1074.4	10.3	32	58	90	256	Imp.
8	1077.5	16.8	23	46	69	300	3.1
9	1078.6	11.6	13	71	84	117	1.1
10	1079.4	8.8	11	80	91	75	Imp.
11	1080.6	15.0	26	48	74	303	0.65
12	1081.7	14.7	26	45	71	297	2.6