



OILFIELD RESEARCH LABORATORIES

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

February 15, 1982

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

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Beach Lease, Well No. T-2, located 2165' West of the East Line and 2105' South of the North Line in Section 24, T-26S, R-18E, in Allen County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and were submitted to our laboratory on February 12, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

4 c to Chanute, Kansas
1 c to Topeka, Kansas

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LOG

Name Hazlett Oil Company Lease Beach Well No. T-2

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>UPPER BARTLESVILLE SAND</u>
840.0 - 841.0	Gray and brown laminated shale and sandstone.
841.0 - 841.7	Dark brown sandstone.
841.7 - 842.4	Grayish brown shaly sandstone.
842.4 - 842.6	Gray and dark brown laminated shale and sandstone.
842.6 - 844.0	Gray and brown finely laminated shale and sandstone.
844.0 - 844.5	Brown shaly sandstone.
844.5 - 844.8	Grayish brown very shaly sandstone.
844.8 - 845.5	Dark brown sandstone.
845.5 - 846.6	Gray and brown finely laminated shale and sandstone.
846.6 - 847.9	Grayish black slightly calcareous shaly sandstone.
847.9 - 848.5	Coal.
848.5 - 906.0	No core.
	<u>LOWER BARTLESVILLE SAND</u>
906.0 - 906.8	Light brown sandstone with fine gray shale partings.
906.8 - 907.7	Light brown sandstone.
907.7 - 910.2	Gray and brown laminated shale and sandstone.
910.2 - 913.4	Brown sandstone.
913.4 - 914.0	Brown sandstone with scattered shale partings.
914.0 - 914.9	Brown sandstone.
914.9 - 916.0	Brown slightly shaly sandstone with shale partings.
916.0 - 916.5	Gray and brown finely laminated shale and sandstone.
916.5 - 917.2	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Hazlett Oil Co. Lease Beach Well No. T-2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
<u>UPPER BARTLESVILLE SAND</u>							
1	840.5	15.1	47	23	70	551	7.2
2	841.6	14.2	59	19	78	650	17.
3	842.6	14.2	55	19	74	606	2.4
4	843.6	13.2	26	58	84	266	0.69
5	844.4	15.3	66	25	91	783	1.1
6	845.4	18.8	61	13	74	890	30.
7	846.7	20.7	45	34	79	723	7.1
8	847.4	17.3	70	17	87	940	0.68
<u>LOWER BARTLESVILLE SAND</u>							
9	906.4	16.6	35	46	81	451	15.
10	907.6	22.4	36	45	81	626	153.
11	908.5	15.7	30	59	89	365	3.6
12	909.4	14.7	36	62	98	411	1.3
13	910.5	18.6	46	35	81	664	35.
14	911.5	20.7	41	38	79	658	101.
15	912.4	18.6	37	46	83	534	34.
16	913.5	17.9	32	50	82	444	18.
17	914.5	19.4	35	43	78	527	62.
18	915.5	17.5	34	54	88	462	9.4
19	916.6	15.2	32	58	90	377	2.4