



OILFIELD RESEARCH LABORATORIES

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

May 7, 1981

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 core taken from the Gallon Lease, Well No. 8, located 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 bags by a representative of the client and was submitted to our laboratory on May 1, 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. 8

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>LOWER BARTLESVILLE SAND</u>
1077.0 - 1082.2	Light brown and gray laminated sandstone and shale.
1082.2 - 1084.3	Brown sandstone.
1084.3 - 1084.8	Brown shaly sandstone.
1084.8 - 1086.6	Brown sandstone.
1086.6 - 1096.2	Light brown and gray laminated sandstone and shale.
1096.2 - 1098.0	Brown sandstone.
1098.0 - 1098.7	Brown shaly sandstone.
1098.7 - 1100.7	Brown sandstone.
1100.7 - 1102.0	Grayish light brown shaly sandstone.
1102.0 - 1104.0	Brown sandstone.
1104.0 - 1104.8	Light brown and gray laminated sandstone and shale.
1104.8 - 1105.9	Brown sandstone.
1105.9 - 1107.1	Gray shaly sandstone.
1107.1 - 1108.1	Brown sandstone.
1108.1 - 1108.6	Gray shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Hazlett Oil Co. Lease Gallon Well No. 8

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1077.6	7.9	9	87	96	55	Imp.
2	1078.5	6.3	14	81	95	68	Imp.
3	1079.4	8.7	12	81	93	81	Imp.
4	1180.5	14.1	32	58	90	350	0.87
5	1081.4	13.5	41	50	91	429	4.7
6	1082.4	17.6	37	39	76	505	31.
7	1083.6	14.8	64	34	98	735	12.
8	1084.5	12.6	41	52	93	401	4.3
9	1085.4	16.5	60	26	86	768	71.
10	1086.5	19.3	38	19	57	569	181.
11	1087.7	7.5	19	77	96	111	Imp.
12	1088.5	11.7	12	78	90	109	Imp.
13	1089.4	8.2	14	77	91	89	Imp.
14	1090.6	9.5	19	74	93	140	Imp.
15	1091.6	8.9	3	93	96	21	Imp.
16	1092.5	7.9	5	90	95	31	Imp.
17	1093.5	7.8	5	88	93	30	Imp.
18	1094.6	15.1	30	50	80	351	1.6
19	1095.4	8.9	20	57	77	138	Imp.
20	1096.5	16.8	51	29	80	665	29.
21	1097.5	14.9	49	36	85	566	13.
22	1098.5	8.8	38	55	93	259	Imp.
23	1099.6	15.6	29	43	72	351	18.
24	1100.5	16.9	36	44	80	472	26.
25	1101.5	8.5	19	76	95	125	1.2
26	1102.6	18.2	43	42	85	607	87.
27	1103.6	16.5	46	36	82	589	23.
28	1104.7	14.7	45	46	91	513	2.0
29	1105.5	16.7	41	43	84	531	32.
30	1106.6	7.9	18	74	92	110	Imp.
31	1107.5	16.1	29	51	80	362	11.
32	1108.5	8.4	15	74	89	98	Imp.