



OILFIELD RESEARCH LABORATORIES

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

August 23, 1982

Lancer Oil
P. O. Box 34
Piqua, Kansas 66761

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Ireland Lease, Well No. 1, located in Section 27, T-25S, R-15E, in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on August 20, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/rmc

5 c to Piqua, Kansas

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LOGCompany Lancer Oil Lease Ireland Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
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SQUIRREL SANDSTONE

1177.0 - 1177.8	Grayish brown very shaly sandstone.
1177.8 - 1179.0	Gray slightly sandy shale.
1179.0 - 1179.9	Brown sandstone.
1179.9 - 1180.2	Grayish brown very shaly sandstone.
1180.2 - 1180.6	Brown sandstone.
1180.6 - 1181.6	Grayish brown shaly sandstone.
1181.6 - 1187.8	Brown sandstone.
1187.8 - 1191.0	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lancer Oil Lease Ireland Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1177.5	15.4	27	46	73	323	0.61
2	1179.4	17.0	31	32	63	409	11.
3	1180.4	19.0	29	28	57	428	21.
4	1181.5	17.4	50	17	67	675	1.4
5	1182.6	20.3	48	18	66	756	79.
6	1183.5	20.2	42	18	60	658	72.
7	1184.6	20.2	44	21	65	690	92.
8	1185.5	20.4	45	20	65	712	46.
9	1186.5	19.7	58	16	74	886	24.
10	1187.6	18.6	44	28	72	635	17.
11	1188.5	17.8	51	18	69	704	2.1