



OILFIELD RESEARCH LABORATORIES

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September 19, 1991

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

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Crotts Lease, Well No. 9-W, located in Section 28, T22S, R16E, Coffey County, Kansas.

The core was sampled and sealed in plastic by a representative of the client and submitted to our laboratory on September 18, 1991.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD:bl

5 c Piqua, KS

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28-22-16E

LOG

Company Lancer Oil, Inc. Lease Crotts Well No. 9-W

LOWER SQUIRREL SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
993.8 - 994.1	Limestone, grayish brown, sandy, shaly.
994.1 - 994.3	Sandstone, brown, calcareous.
994.3 - 994.5	Shale, gray.
994.5 - 997.6	Sandstone, dark brown with very widely scattered shale inclusions.
997.6 - 998.2	Shale and sandstone, gray and brown, laminated.
998.2 - 999.0	Sandstone, dark brown with widely scattered shale partings.
999.0 - 1000.0	Sandstone, dark brown.
1000.0 - 1001.8	Sandstone, grayish brown, very shaly with scattered shale and mica partings.
1001.8 - 1003.0	Sandstone, dark brown.
1003.0 - 1005.5	Sandstone, grayish brown, very shaly with scattered shale and mica partings.
1005.5 - 1006.0	Sandstone, gray, very shaly with scattered brown sandstone inclusions.

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STATE CORPORATION COMMISSION

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Oilfield Research Laboratories
RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Lancer Oil, Inc. Lease Crotts Well No. 9-W

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	994.6	17.6	61	29	90	833	7.1
2	995.5	20.5	55	24	79	875	151.
3	996.5	17.9	71	27	98	986	25.
4	997.5	20.0	66	19	85	1024	61.
5	998.5	22.2	64	19	83	1102	239.
6	999.4	18.8	70	20	90	1021	63.
7	1000.4	17.3	39	36	75	523	0.99
8	1001.4	14.9	43	50	93	497	1.6
9	1002.4	21.3	54	15	69	892	92.
10	1003.5	13.9	45	53	98	485	Imp.
11	1004.4	14.9	38	57	95	439	Imp.
12	1005.4	14.5	41	45	86	461	0.20

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