



Computer Inventoried **COPY**

OILFIELD RESEARCH LABORATORIES

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September 26, 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. 24, located in Section 28, T22S, R16E, Coffey County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on September 24, 1991.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
Alan M. Dunning

AMD:bl

5 c Piqua, KS

OCT 22 1991

28-22-16E

LOGCompany Lancer Oil, Inc. Lease Crotts Well No. 24LOWER SQUIRREL SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
995.8 - 996.6	Sandstone, light grayish brown, very shaly with scattered shale and mica partings.
996.6 - 997.6	Sandstone, dark grayish brown, very shaly with scattered shale and mica partings.
997.6 - 998.7	Sandstone, dark brown with widely scattered shale partings and inclusions.
998.7 - 999.0	Shale and sandstone, gray and brown, alternate layers.
999.0 - 1001.0	Sandstone, dark brown.
1001.0 - 1001.9	Sandstone, dark brown with very widely scattered shale and mica inclusions.
1001.9 - 1002.2	Sandstone, grayish brown, very shaly with scattered shale and mica partings and carbonaceous inclusions.
1002.2 - 1002.5	Sandstone, dark brown.
1002.5 - 1006.5	Sandstone, grayish brown, very shaly with scattered shale and mica partings and carbonaceous inclusions.
1006.5 - 1008.0	Shale and sandstone, gray and brown, laminated.

Oilfield Research Laboratories
RESULTS OF SATURATION & PERMEABILITY TESTS

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TABLE 1

Company Lancer Oil, Inc. Lease Crotts Well No. 24

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	996.5	12.7	29	67	96	286	Imp.
2	997.4	14.3	65	29	94	721	0.25
3	998.4	19.0	62	27	89	914	52.
4	999.5	22.1	57	22	79	977	169.
5	1000.5	20.3	62	20	82	976	87.
6	1001.4	18.9	65	29	94	953	38.
7	1002.4	20.6	50	33	83	799	89.
8	1003.5	17.3	66	30	96	886	1.6
9	1004.6	17.1	39	39	78	517	3.2
10	1005.6	15.6	27	35	62	327	Imp.
11	1006.4	16.1	41	41	82	512	0.28
12	1007.5	10.3	25	72	97	200	Imp.

STAMP

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