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OILFIELD RESEARCH LABORATORIES

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28-22-16E

October 15, 1991

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

Gentlemen:

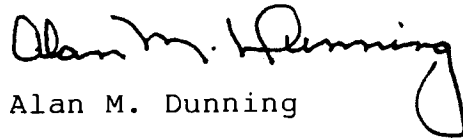
Attached hereto are the results of tests run on the rotary core taken from the Crotts Lease, Well No. 20, located in Section 28, T22S, R16E, Coffey County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 8, 1991.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Alan M. Dunning

AMD:bl

5 c Piqua, KS

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LOG

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Company Lancer Oil, Inc. Lease Crotts Well No. 20LOWER SQUIRREL SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
1001.0 - 1005.4	Sandstone, dark brown with widely scattered shale and mica partings.
1005.4 - 1005.7	Shale, gray with scattered brown sandstone partings.
1005.7 - 1006.2	Sandstone, brown with scattered shale partings.
1006.2 - 1008.0	Sandstone, brown, slightly shaly with scattered shale partings.
1008.0 - 1010.0	Sandstone, grayish brown, shaly with scattered shale and mica partings.

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RESULTS OF SATURATION & PERMEABILITY TESTS

28-22-16E

TABLE 1

Company Lancer Oil, Inc. Lease Crotts Well No. 20

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	1001.7	19.9	67	19	86	1034	59.
2	1002.7	20.7	60	16	76	964	156.
3	1003.7	19.7	75	17	92	1146	39.
4	1004.5	20.7	58	21	79	931	119.
5	1005.3	21.1	66	16	82	1080	147.
6	1006.6	15.6	45	37	82	545	6.8
7	1007.4	15.3	51	43	94	605	0.54
8	1008.6	17.6	41	40	81	560	7.7
9	1009.6	15.7	36	49	85	439	0.58

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