



# OILFIELD RESEARCH LABORATORIES

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

December 9, 1982

R. E. Gramly  
730½ North Penn  
Independence, Kansas 67301

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Elsheimer I Lease, Well No. 2, located in Section 3, T-35S, R-14E, Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 7, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Sanford A. Michel*  
by B.L.  
Sanford A. Michel

SAM/rmc

5 c to Independence, Kansas

**OILFIELD RESEARCH LABORATORIES**

LOG

Company R. E. Gramly Lease Elsheimer I Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SANDSTONE</u>
1327.0 - 1327.9	Gray sandy shale.
1327.9 - 1331.4	Brown shaly sandstone.
1331.4 - 1332.0	Grayish brown very shaly sandstone.
1332.0 - 1334.0	Grayish brown shaly sandstone.
1334.0 - 1335.5	Gray and brown finely laminated shale and sandstone.
1335.5 - 1336.5	Brown shaly sandstone.
1336.5 - 1337.6	Gray shale.
1337.6 - 1338.5	Gray and brown finely laminated shale and sandstone.
1338.5 - 1339.9	Grayish brown very shaly sandstone with gray shale partings.
1339.9 - 1342.0	Brown sandstone.
1342.0 - 1342.6	Brown shaly sandstone with gray shale partings.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

**TABLE 1**

Company R. E. Gramly Lease Elsheimer I Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	1328.6	14.5	45	50	95	506	5.2
2	1329.5	12.7	35	60	95	345	5.8
3	1330.7	14.9	34	55	89	393	3.7
4	1331.5	12.8	26	64	90	258	0.26
5	1332.5	14.6	34	48	82	385	1.1
6	1333.5	13.5	27	60	87	283	1.4
7	1334.5	8.8	18	78	96	123	Imp.
8	1335.7	14.6	26	54	80	295	1.3
9	1336.4	15.0	23	52	75	268	2.0
10	1338.6	8.7	26	70	96	176	Imp.
11	1339.5	14.0	23	68	91	250	0.73
12	1340.5	18.0	17	72	89	237	13.
13	1341.5	18.2	13	82	95	184	39.
14	1342.4	12.9	23	70	93	230	3.3