



# OILFIELD RESEARCH LABORATORIES

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

April 22, 1981

Kalida Oil Company  
Box 204  
Yates Center, Kansas 66783

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Timm Lease, Well No. 3, located in the Southeast  $\frac{1}{4}$  in Section 13, T-25S, R-15E, in Woodson County, Kansas.

The cores were sampled by a representative of Oilfield Research Laboratories and were received in our laboratory on April 14, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Yates Center, Kansas

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LOGName Kalida Oil Company Lease Timm Well No. 3

<u>Depth Interval, Feet</u>	<u>Description</u>
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UPPER SQUIRREL SAND

990.0 - 991.6	Grayish light brown calcareous shaly sandstone.
991.6 - 992.8	Grayish light brown calcareous sandstone.
992.8 - 994.4	Grayish light brown calcareous shaly sandstone.
994.4 - 995.3	Brown calcareous sandstone.
995.3 - 997.9	Grayish light brown calcareous shaly sandstone.

LOWER SQUIRREL SAND

1035.0 - 1037.1	Brown slightly calcareous sandstone with shale partings.
1037.1 - 1037.9	Gray and brown slightly calcareous laminated shale and sandstone.
1037.9 - 1042.8	Brown slightly calcareous laminated sandstone with shale partings.
1042.8 - 1043.3	Gray and brown slightly calcareous shale and sandstone
1043.3 - 1043.6	Gray shale.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Kalida Oil Company Lease Timm Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
	<u>UPPER SQUIRREL SAND</u>						
1	990.4	14.5	57	29	86	641	5.5
2	991.4	8.1	16	80	96	101	1.2
3	992.6	14.7	37	36	73	422	19.
4	993.5	15.2	33	48	81	389	2.3
5	994.6	15.5	38	40	78	457	22.
6	995.5	17.7	65	27	92	893	1.9
7	996.5	15.2	52	32	84	613	4.7
8	997.5	16.8	57	27	84	743	4.1
	<u>LOWER SQUIRREL SAND</u>						
9	1035.5	18.1	63	19	82	885	70.
10	1036.6	14.9	35	48	83	405	24.
11	1037.6	15.7	46	43	89	560	8.1
12	1038.5	14.8	48	39	87	551	13.
13	1039.6	18.1	53	26	79	744	13.
14	1040.6	17.5	56	29	85	760	36.
15	1041.5	16.5	48	31	79	614	49.
16	1042.5	13.9	71	23	94	766	17.
17	1043.2	15.6	51	25	76	617	3.1