



OILFIELD RESEARCH LABORATORIES

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

May 11, 1981

Looms Oil Company
c/o Billy O' Bryan
Yates Center, Kansas 66783

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Thorsell Lease, Well No. 23, located in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on May 5, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Yates Center, Kansas

T275, R16E, Sec. 35

OILFIELD RESEARCH LABORATORIES

LOG

Name Looms Oil Company Lease Thorsell Well No. 23

Depth Interval,
Feet Description

UPPER SQUIRREL SAND

| | |
|---------------|---|
| 881.0 - 884.3 | Brown shaly sandstone containing a vertical fracture. |
| 884.3 - 891.8 | Brown and gray laminated sandstone and shale. |
| 891.8 - 892.3 | Gray sandy shale. |

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Looms Oil Co. Lease Thorsell Well No. 23

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation | | | Oil Content Bbls. / A Ft. | Perm., Mill. |
|------------|-------------|------------------|--------------------|-------|-------|---------------------------|--------------|
| | | | Oil | Water | Total | | |
| 1 | 881.5 | 5.8 | 37 | 60 | 97 | 166 | Imp. |
| 2 | 882.4 | 9.6 | 61 | 5 | 66 | 454 | 1.2 |
| 3 | 883.5 | 15.4 | 50 | 46 | 96 | 597 | 3.1 |
| 4 | 884.5 | 14.9 | 25 | 57 | 82 | 289 | 2.2 |
| 5 | 885.6 | 15.8 | 39 | 38 | 77 | 478 | 6.6 |
| 6 | 886.5 | 14.6 | 50 | 26 | 76 | 566 | 5.2 |
| 7 | 887.5 | 14.5 | 47 | 40 | 87 | 529 | 7.5 |
| 8 | 888.5 | 16.2 | 40 | 33 | 73 | 503 | 6.3 |
| 9 | 889.4 | 14.8 | 54 | 39 | 93 | 620 | 2.4 |
| 10 | 890.4 | 15.8 | 44 | 52 | 96 | 539 | 3.3 |
| 11 | 891.4 | 14.9 | 40 | 48 | 88 | 462 | 10. |