



# OILFIELD RESEARCH LABORATORIES

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

November 25, 1980

Town Oil Company  
R R 4  
Paola, Kansas 66071

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Ross Lease, Well No. 1, located in Section 29, T-19S, R-22E, Linn County, Kansas and submitted to our laboratory on November 19, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Benjamin R. Pearman*  
Benjamin R. Pearman

BRP/mkf

5 c to Paola, Kansas

**OILFIELD RESEARCH LABORATORIES**

LOG

Name Town Oil Company Lease Ross Well No. 1

| Depth Interval,<br><u>Feet</u> | Description<br><u></u>               | Upper Bartlesville<br><u>Sand</u> |
|--------------------------------|--------------------------------------|-----------------------------------|
| 639.0 - 639.4                  | Grayish brown shaly sandstone.       |                                   |
| 639.4 - 642.7                  | Brown slightly calcareous sandstone. |                                   |
| 642.7 - 645.0                  | Hard gray sandy shale.               |                                   |

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Town Oil Co. Lease Ross Well No. 1

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation |       |       | Oil Content Bbls. / A Ft. | Perm., Mill. |
|------------|-------------|------------------|--------------------|-------|-------|---------------------------|--------------|
|            |             |                  | Oil                | Water | Total |                           |              |
| 1          | 639.6       | 18.7             | 54                 | 16    | 70    | 783                       | 68.          |
| 2          | 640.5       | 21.1             | 49                 | 24    | 73    | 802                       | 92.          |
| 3          | 641.5       | 20.8             | 49                 | 22    | 71    | 791                       | 137.         |
| 4          | 642.4       | 19.2             | 48                 | 19    | 67    | 715                       | 90.          |