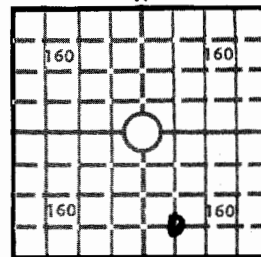


## KANSAS DRILLERS LOG

State Geological Survey  
WICHITA, BRANCHS. 13 T. 7 R. 30<sup>XX</sup>W

Loc. C SW SE

County Sheridan

640 Acres  
N

Locate well correctly

Elev.: Gr. 2902

DF 2905 KB 2907

API No. 15 — 179 — 20,346  
County Number

Operator

John O. Farmer, Inc.

Address

Box 352, Russell, Kansas 67665

Well No.

#1

Lease Name

Gerdes

Footage Location

660

feet from (N) (S) line

660

feet from (E) (W) line

Principal Contractor

John O. Farmer, Inc.

Geologist

Sam L. Farmer

Spud Date

January 6, 1973

Total Depth

4235

P.B.T.D.

Date Completed

January 14, 1973

Oil Purchaser

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface           | 12½               | 8-5/8                     |                | 286           | Common      | 150   |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

| Size | Setting depth | Packer set at |  |  |  |
|------|---------------|---------------|--|--|--|
|      |               |               |  |  |  |
|      |               |               |  |  |  |
|      |               |               |  |  |  |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |
|                                  |                        |

## INITIAL PRODUCTION

|                                                    |                                                     |     |                       |               |  |
|----------------------------------------------------|-----------------------------------------------------|-----|-----------------------|---------------|--|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |     |                       |               |  |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil                                                 | Gas | Water                 | Gas-oil ratio |  |
|                                                    | bbls.                                               | MCF | bbls.                 | CFPB          |  |
| Disposition of gas (vented, used on lease or sold) |                                                     |     | Producing interval(s) |               |  |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

|                                                      |                      |                                                             |
|------------------------------------------------------|----------------------|-------------------------------------------------------------|
| Operator<br>John O. Farmer, Inc.                     |                      | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.: |
| Well No.<br>#1                                       | Lease Name<br>Gerdes | Dry hole                                                    |
| S <u>13</u> T <u>7</u> R <u>30</u> <del>E</del><br>W |                      | Sheridan County, Kansas                                     |

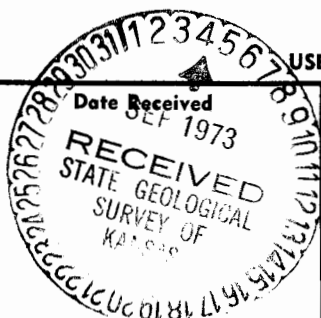
### WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP  | BOTTOM | NAME        | DEPTH |
|---------------------------------------|------|--------|-------------|-------|
| Shale                                 | 0    | 85     | Heebner     | 3950  |
| Sand                                  | 85   | 235    | Toronto     | 3977  |
| Shale                                 | 235  | 1490   | Lansing     | 3992  |
| Shale & Shells                        | 1490 | 1900   | Base/KC     | 4233  |
| Sand                                  | 1900 | 2040   | Rotary T.D. | 4235  |
| Shale & Sand                          | 2040 | 2380   |             |       |
| Red Bed                               | 2380 | 2568   |             |       |
| Anhydrite                             | 2568 | 2608   |             |       |
| Shale                                 | 2608 | 2905   |             |       |
| Lime & Shale                          | 2905 | 4075   |             |       |
| Lime                                  | 4075 | 4145   |             |       |
| Lime & Shale                          | 4145 | 4190   |             |       |
| Lime                                  | 4190 | 4235   |             |       |
| T.D.                                  | 4235 |        |             |       |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.



*John O. Farmer*  
Signature  
President

August 17, 1973

Date