

# WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 051 — 21,922  
County Number

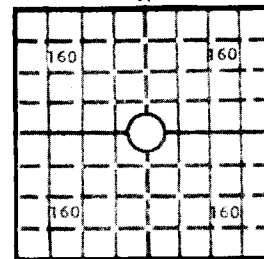
|                                                                   |                                                    |
|-------------------------------------------------------------------|----------------------------------------------------|
| Operator<br>Ernst & Steinle Operations                            |                                                    |
| Address<br>Russell, Kansas 67665                                  |                                                    |
| Well No.<br>#2                                                    | Lease Name<br>Rome                                 |
| Footage Location<br>feet from (N) (S) line feet from (E) (W) line |                                                    |
| Principal Contractor<br>Emphasis Oil                              | Geologist<br>Francis Whisler                       |
| Spud Date<br>3-5-80                                               | Date Completed<br>3-12-80                          |
| Total Depth<br>3580                                               |                                                    |
| P.B.T.D.                                                          |                                                    |
| Directional Deviation                                             | Oil and/or Gas Purchaser<br>Cities Service Oil Co. |

S. 21 T. 13 R. 17 E. W

Loc. SE SW SE

County Ellis

640 Acres  
N



Locate well correctly

Elev.: Gr. 1969

DF KB 1974

## 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 Casing    |                   | 8 5/8                     |                | 247 ft.       | 165 Common                 |           |                            |
| Oil String        |                   | 5 1/2                     |                | 3579          | 150 Sacks DU 1/1 Set Andy. | 350 Sack. |                            |
| Tubing            |                   | 2 1/2                     |                | 3500          |                            |           |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              | 4             | Jumbo Jets  | 3518-3522      |

| Size  | Setting depth | Packer set at |
|-------|---------------|---------------|
| 2 1/2 | 3500          |               |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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

## INITIAL PRODUCTION

|                                                              |                  |                                                                |                         |
|--------------------------------------------------------------|------------------|----------------------------------------------------------------|-------------------------|
| Date of first production<br>4-23-80                          |                  | Producing method (flowing, pumping, gas lift, etc.)<br>Pumping |                         |
| RATE OF PRODUCTION PER 24 HOURS                              | Oil<br>100 bbls. | Gas<br>No Gas MCF                                              | Water<br>No Water bbls. |
| Disposition of gas (vented, used on lease or sold)<br>Vented |                  | Producing interval (s)<br>3518-3522                            |                         |

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, 245 No. Water, Wichita, Kansas 67202. 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><i>Ernst &amp; Steale Oil</i>                   |                            | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.: |
| Well No.<br><i>2</i>                                        | Lease Name<br><i>Romme</i> |                                                             |
| S <u>  </u> T <u>  </u> R <u>  </u> E <u>  </u> W <u>  </u> |                            |                                                             |

### 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 |
|---------------------------------------|------|--------|-------|-------|
| Anhydrite                             | 1189 | 1235   | +785  |       |
|                                       | 3229 |        |       |       |
| Heebner Shale                         |      |        | -1255 |       |
| Toronto Limestone                     | 3251 |        | -1277 |       |
| Lansing-Kansas City                   | 3274 |        | -1300 |       |
| Base of Kansas City                   | 3510 |        | -1536 |       |
| Arbuckle Dolomite                     | 3514 |        | -1540 |       |
| Total Depth                           | 3580 |        | -1606 |       |

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

|               |                      |
|---------------|----------------------|
| Date Received | <i>Darlene Ernst</i> |
|               | Signature            |
|               | <i>Sec.</i>          |
|               | Title                |
|               | <i>9-4-50</i>        |
|               | Date                 |