

JUN 26 1972

36-26-39W

## KANSAS DRILLERS LOG

API No. 15 — 075 20016-0001  
                     NA                      County                      Number

## Operator

Amoco Production Company

## Address

P. O. Box 432 - Liberal, Kansas 67901

## Well No.

2

## Lease Name

Grace O. Ehlers

## Footage Location

660 feet from XX (S) line 660 feet from (E) XX line

## Principal Contractor

Garvey Drilling Company

## Geologist

## Spud Date

11-19-69

## Total Depth

6448

## P.B.T.D.

2735

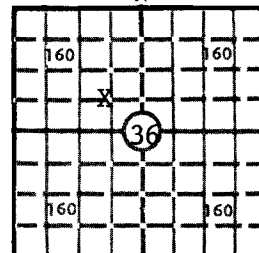
## Date Completed

6-5-72

## Oil Purchaser

S. 36 T. 26S R. 39 W

Loc. 660' FSL X 660' FEL

County Hamilton640 Acres  
N

Locate well correctly

Elev.: Gr. 3241

DF \_\_\_\_\_ KB \_\_\_\_\_

## 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           | 12-1/4            | 8-5/8                     | 24             | 1624          | Bulk        | 825   | 2% CaCl <sub>2</sub><br>10% Salt |
| Production        | 7-7/8             | 4-1/2                     | 11.6           | 3270          | Bulk        | 350   | NA                               |
|                   |                   |                           |                |               |             |       |                                  |
|                   |                   |                           |                |               |             |       |                                  |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval    |
|----------|-------------|--------------|---------------|-------------|-------------------|
|          |             |              | 2             | 1/2         | 2892-99, 2852-58, |
|          |             |              |               |             | 2843-48, 2835-38, |
|          |             |              | 3             | 1/2         | 2753-58, 2768-74, |
|          |             |              |               |             | 2702-06           |

## TUBING RECORD

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

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                             | Depth interval treated                |
|--------------------------------------------------------------|---------------------------------------|
| Acidize with 3000 gallon 15%. Squeeze with 200 sacks cement. | 2892-99, 2852-58,<br>2843-48, 2835-38 |
| Acidize with 1500 gallon 15%.                                | 2702-2774                             |
| Frac with 25,000 gallon water and 25,000# sand.              | 2702-2774                             |

## INITIAL PRODUCTION

|                                                    |       |                                                     |                       |               |  |
|----------------------------------------------------|-------|-----------------------------------------------------|-----------------------|---------------|--|
| Date of first production                           |       | Producing method (flowing, pumping, gas lift, etc.) |                       |               |  |
| 6-5-72                                             |       | Flowing                                             |                       |               |  |
| RATE OF PRODUCTION<br>PER 24 HOURS                 | Oil   | Gas                                                 | Water                 | Gas-oil ratio |  |
|                                                    | bbls. | 1800 MCF                                            | bbls.                 | CFPB          |  |
| Disposition of gas (vented, used on lease or sold) |       |                                                     | Producing interval(s) |               |  |
| Waiting on pipeline connection.                    |       |                                                     | 2702-2774             |               |  |

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>Amoco Production Company                                                                                                                                                                                |                               | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.:<br>Gas                                                                                                                                                          |                |
| Well No.<br>2                                                                                                                                                                                                       | Lease Name<br>Grace o. Ehlers |                                                                                                                                                                                                                             |                |
| S 36 T 26SR 39 <sup>K</sup> <sub>W</sub>                                                                                                                                                                            |                               |                                                                                                                                                                                                                             |                |
| <b>WELL LOG</b>                                                                                                                                                                                                     |                               | SHOW GEOLOGICAL MARKERS, LOGS RUN,<br>OR OTHER DESCRIPTIVE INFORMATION.                                                                                                                                                     |                |
| 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. |                               |                                                                                                                                                                                                                             |                |
| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                               | TOP                           | BOTTOM                                                                                                                                                                                                                      | NAME           |
| Surface Soils                                                                                                                                                                                                       | 0                             | 275                                                                                                                                                                                                                         | Dual Induction |
| Surface Sand & Red Bed                                                                                                                                                                                              | 275                           | 790                                                                                                                                                                                                                         | Laterolog      |
| Red Bed                                                                                                                                                                                                             | 790                           | 1170                                                                                                                                                                                                                        |                |
| Anhydrite                                                                                                                                                                                                           | 1170                          | 1520                                                                                                                                                                                                                        | Compensated    |
| Red Bed & Shale                                                                                                                                                                                                     | 1520                          | 2165                                                                                                                                                                                                                        | Formation      |
| Shale                                                                                                                                                                                                               | 2165                          | 2244                                                                                                                                                                                                                        | Density        |
| Lime & Shale                                                                                                                                                                                                        | 2244                          | 2735                                                                                                                                                                                                                        |                |
| Shale & Lime                                                                                                                                                                                                        | 2735                          | 3995                                                                                                                                                                                                                        |                |
| Lime & Shale                                                                                                                                                                                                        | 3995                          | 4083                                                                                                                                                                                                                        |                |
| Lime                                                                                                                                                                                                                | 4083                          | 4482                                                                                                                                                                                                                        |                |
| Lime & Shale                                                                                                                                                                                                        | 4482                          | 4765                                                                                                                                                                                                                        |                |
| Shale                                                                                                                                                                                                               | 4765                          | 5206                                                                                                                                                                                                                        |                |
| Lime & Shale                                                                                                                                                                                                        | 5206                          | 5291                                                                                                                                                                                                                        |                |
| Lime                                                                                                                                                                                                                | 5291                          | 5498                                                                                                                                                                                                                        |                |
| Lime & Chert                                                                                                                                                                                                        | 5498                          | 5584                                                                                                                                                                                                                        |                |
| Lime & Shale                                                                                                                                                                                                        | 5584                          | 5657                                                                                                                                                                                                                        |                |
| Shale & Lime                                                                                                                                                                                                        | 5657                          | 5906                                                                                                                                                                                                                        |                |
| Lime                                                                                                                                                                                                                | 5906                          | 5955                                                                                                                                                                                                                        |                |
| Shale & Lime                                                                                                                                                                                                        | 5955                          | 6060                                                                                                                                                                                                                        |                |
| Lime & Chert                                                                                                                                                                                                        | 6060                          | 6071                                                                                                                                                                                                                        |                |
| Lime & Chert                                                                                                                                                                                                        | 6071                          | 6448 TD                                                                                                                                                                                                                     |                |
| PBD                                                                                                                                                                                                                 |                               | 2735                                                                                                                                                                                                                        |                |
| <p>Test Info: 72 Hr. SIP 210#.</p> <p>20 Min. Open Flow 1.8 MMCFD.</p>                                                                                                                                              |                               |                                                                                                                                                                                                                             |                |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                       |                               |                                                                                                                                                                                                                             |                |
|                                                                                                                                  |                               | <p style="text-align: center;"><i>J. W. Vaughn</i><br/>J. W. VAUGHN<br/>Signature</p> <p style="text-align: center;">Area Administrative Supervisor<br/>Title</p> <p style="text-align: center;">June 23, 1972<br/>Date</p> |                |