

23-5-20W

# KANSAS DRILLERS LOG

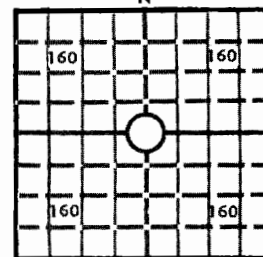
API No. 15 — 147 — 20,198  
County Number

S. 23 T. 5S R. 20

Loc. 1650' FSL-1320' FWL

County Phillips

640 Acres  
N



Locate well correctly

Elev.: Gr. 2178'

DF 2181' KB 2183'

Operator

Cities Service Oil Co.

Address

700 Sutton Place Bldg., 209 E. William, Wichita, Kansas 67202

Well No.

5W

Lease Name

Brown "B"

Footage Location

1650 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor

Helberg Oil Co.

Geologist

Well Site

Herb Johnson

Spud Date

10-20-75

Total Depth

3700'

P.B.T.D.

3647'

Date Completed

10-30-75

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           | 12-1/4"           | 8-5/8"                    | 24.70#         | 203'          | 50/50 Pozmix | 150   | 3% CaCL <sub>2</sub>       |
| Production        | 7-7/8"            | 4-1/2"                    | 10.79#         | 3699'         | Class "A"    | 185   | 10%-.5% CFR-2              |
|                   |                   |                           | DV Tool        | 1732'         | Howco Lite   | 350   | -----                      |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             | 3350'-3439'    |

| 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 trans-  
mitted 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>Cities Service Oil Co. |                         | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.: |
| Well No.<br>5W                     | Lease Name<br>Brown "B" | Water Injection   |
| S 23 T 5S R 20 W                   |                         |   |

### 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 |
|---|------|--------|------|-------|
| Surface Soil  | 0    | 210    |      |       |
| Sand & Shale  | 210  | 1220   |      |       |
| Sand  | 1220 | 1420   |      |       |
| Shells & Shale  | 1420 | 1650   |      |       |
| Shale   | 1650 | 1696   |      |       |
| Anhydrite   | 1696 | 1730   |      |       |
| Shale   | 1730 | 2082   |      |       |
| Lime & Shale  | 2082 | 3334   |      |       |
| Lime  | 3334 | 3700   |      |       |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. |      |        |      |       |

|               |  |
|---------------|--|
| Date Received | <div>  </div> <div> Signature E. W. Peterman </div> <div> Region Operations Manager </div> <div> Title </div> <div> January 7, 1976 </div> <div> Date </div> |
|---------------|--|

3-2-76