

## KANSAS DRILLERS LOG

API No. 15 — 093 — 20,548  
County Number

## Operator

Helmerich &amp; Payne, Inc.

## Address

P.O. Box 558, Garden City, Kansas 67846

## Well No.

10

## Lease Name

Citizens Building &amp; Loan "B"

## Footage Location

1390 feet from (N) (S) line 2080 feet from (E) (W) line

## Principal Contractor

Gabbert-Jones, Inc.

## Geologist

Joe Blair

## Spud Date

7-4-78

## Total Depth

3025

## P.B.T.D.

3024

## Date Completed

8-29-78

## Purchaser Gas

Colorado Interstate Gas Co.

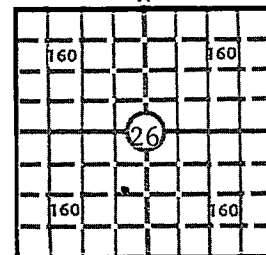
S. 26 T. 26S R. 35 <sup>XX</sup>W

Loc. 1390' FSL &amp; 2080' FWL, SW/4

County Kearny

640 Acres

N



Locate well correctly

Elev.: Gr. 3061

DF 3064 KB 3066

## 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 $\frac{1}{4}$ " | 8-5/8"                    | 24#            | 802           | Howcolite Class H      | 350<br>150 | 2% CaCl $\frac{1}{4}$ #/sk Flo-<br>3% CaCl cele |
| Production        | 7-7/8"             | 5 $\frac{1}{2}$ "         | 14#            | 3024          | Howcolite 50-50 Pozmix | 575<br>100 | $\frac{1}{4}$ #/sk Flocele<br>18% Salt          |
|                   |                    |                           |                |               |                        |            |                                                 |
|                   |                    |                           |                |               |                        |            |                                                 |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type               | Depth interval |
|---------------|---------------|---------------|---------------|---------------------------|----------------|
| None          |               |               | 2             | $\frac{1}{2}$ " Omega Jet | 3004-3008      |
| TUBING RECORD |               |               | 2             | $\frac{1}{2}$ " Omega Jet | 2980-2990      |
| Size          | Setting depth | Packer set at |               |                           |                |
| 2-3/8"        | 3018          | None          | 2             | $\frac{1}{2}$ " Omega Jet | 2958-2968      |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                                 | Depth interval treated |
|------------------------------------------------------------------|------------------------|
| 750 gallons 15% HCl                                              | 3004-3008              |
| Spearhead w/3500 gals 15% HCl. Frac w/108,600 gals gelled water, | 2899-3008              |
| 40,000# 100 mesh sand and 145,000# 16-30 river sand.             |                        |

## INITIAL PRODUCTION

| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.) |          |                        |               |
|----------------------------------------------------|-----------------------------------------------------|----------|------------------------|---------------|
|                                                    | Flowing                                             |          |                        |               |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil                                                 | Gas      | Water                  | Gas-oil ratio |
|                                                    | 0 bbls.                                             | 2136 MCF | 60 bbls.               | ---           |
| Disposition of gas (vented, used on lease or sold) |                                                     |          | Producing interval (s) |               |
| Sold-Colorado Interstate Gas Co.                   |                                                     |          | 2899-3008              |               |

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

Helmerich &amp; Payne, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
Gas Well

## Well No.

10

## Lease Name

Citizens Building &amp; Loan

S 26 T 26S R 35 E 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     |
|---------------------------------------|------|--------|--------------------------|-----------|
| Herrington-Gas                        | 2588 | 2623   | Herrington               | 2588      |
| Winfield-Gas                          | 2650 | 2676   | Winfield                 | 2650      |
| Upper Ft. Riley-Gas                   | 2706 | 2737   | Upper Ft Riley           | 2706      |
| Lower Ft. Riley-Gas                   | 2762 | 2832   | Lower Ft Riley           | 2762      |
| Council Grove-Gas                     | 2864 | 3025   | Council Grove            | 2864      |
| TD                                    | 3025 |        | TD                       | 3025      |
| No cores or drill stem tests taken.   |      |        | Gamma Ray<br>Neutron Log | 1500-3017 |

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

Date Received

  
Signature

District Production Superintendent

Title

9-29-78

Date

