

12-31-33W

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk. Bldg., Wichita, Kansas

Company - WARREN PETROLEUM Co.  
Farm - Miller No. 1

SEC. 12 T. 31 R. 33W  
CSE NW  
660' loc.

Total Depth. 2702'

Comm. 5-5-48

Comp. 5-20-48

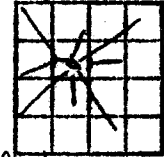
Shot or Treated.

Contractor.

Issued. 8-6-49

County. Seward

KANSAS



CASING:  
10-3/4" 602' Cem. W/350 Sx.  
7" 2597'

Elevation. 2886' *Ind*

Production. 4,500,000 gas

Figures Indicate Bottom of Formations.

|                  |      |
|------------------|------|
| sand & clay      | 110  |
| sand & gravel    | 590  |
| red rock         | 910  |
| red rock & shale | 1005 |
| red rock         | 1100 |
| anhy. & lime     | 1190 |
| red rock & shale | 1530 |
| red rock & anhy. | 1770 |
| shale            | 1905 |
| lime & shale     | 2065 |
| lime & shale red | 2155 |
| shale & lime     | 2245 |
| lime             | 2300 |
| dolo. & shale    | 2365 |
| lime             | 2604 |
| shale            | 2611 |
| lime             | 2638 |
| lime & shale     | 2642 |
| lime             | 2681 |
| shale            | 2685 |
| lime             | 2702 |
| Total Depth      |      |

Tops:

|                    |           |
|--------------------|-----------|
| Stone Correl Dolo. | 1740-70   |
| Wellington Form.   | 2130-2596 |
| Hollenberg Dolo.   | 2532-52   |
| Herrington Dolo.   | 2596-2631 |
| Krider             | 2631-61   |
| Winfield           | 2686-2702 |

SIDE ONE

## AFFIDAVIT OF COMPLETION FORM

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Gulf Oil Corporation (Note on back)

ADDRESS P. O. Box 12116

Oklahoma City, OK 73157

\*\*CONTACT PERSON Jim E. Marshall

PHONE 405-949-7000

PURCHASER Northern Natural Gas Company

ADDRESS 2223 Dodge

Omaha, NE 68102

DRILLING Burris Drilling Company

CONTRACTOR

ADDRESS 601 Schweiter Bldg.

Wichita, Ks.

PLUGGING

CONTRACTOR

ADDRESS

TOTAL DEPTH 2702 PBTD 2702

SPUD DATE 5-5-48 DATE COMPLETED 5-21-48

ELEV: GR 2883 DF 2886 KB 2888

DRILLED WITH (CABLE) (ROTARY) ~~XXXX~~ TOOLS

STATE CORPORATION COMMISSION

Amount of surface pipe set and cemented 602 DV Tool Used? No

JUL 30 1982

CONSERVATION DIVISION

STATE OF Wichita, Kansas, COUNTY OF Oklahoma SS, I,

Jim E. Marshall

OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Petroleum Engineer (FOR) ~~(BY)~~ Gulf Oil Corporation

OPERATOR OF THE P. L. Miller LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 21 DAY OF May, 19 48, AND THAT

API NO. \_\_\_\_\_

COUNTY Seward

FIELD Hugoton

PROD. FORMATION Herington, Krider and Winifield

LEASE P. L. Miller

WELL NO. 1

WELL LOCATION SE/4 NW/4

1980 Ft. from North Line and

1980 Ft. from West Line of

the NW/4 SEC. 12 TWP. 31 RGE. 33w

## WELL FLAT

|  |    |  |  |
|--|----|--|--|
|  |    |  |  |
|  | 12 |  |  |
|  |    |  |  |
|  |    |  |  |

KCC  
KGS ☒  
(Office  
Use)

## AFFIDAVIT

## SIDE TWO

## WELL LOG

12-31-33W

Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time test 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     |
|-----------------------------------------------|------|--------|--------------|-----------|
| Sand and clay                                 | 0    | 550    | Stone Corral | 1740-1770 |
| Sand and gravel                               | 550  | 590    | Wellington   | 2130-2532 |
| Red rock                                      | 590  | 1100   | Hollenberg   | 2532-2552 |
| Anhydrite                                     | 1100 | 1190   | Herington    | 2596-2631 |
| Red shale                                     | 1190 | 1740   | Krider       | 2631-2661 |
| Gray dense dol.                               | 1740 | 1770   | Winfield     | 2686-2702 |
| Red shale                                     | 1770 | 2130   |              |           |
| Gray shale                                    | 2130 | 2245   |              |           |
| Dense lime                                    | 2245 | 2475   |              |           |
| Dense lime w/anhydrite streaks                | 2475 | 2596   |              |           |
| Buff, fine, sandy, cherty sl. porous dolomite | 2596 | 2631   |              |           |
| Gray, dense, sl. cherty dolomite              | 2631 | 2661   |              |           |
| Red and gray shale                            | 2661 | 2686   |              |           |
| Buff, fine, sl. mottled, dense dol.           | 2686 | 2702   |              |           |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                   |        |                                                     |              | Depth interval treated |               |
|----------------------------------------------------|--------|-----------------------------------------------------|--------------|------------------------|---------------|
| 3000 gals 15% acid                                 |        |                                                     |              | 2596-2661              |               |
| 6000 gals 15% acid and 4000 gals 7-1/2% acid       |        |                                                     |              | 2596-2661 and          |               |
|                                                    |        |                                                     |              | 2686-2702              |               |
| Date of first production                           |        | Producing method (flowing, pumping, gas lift, etc.) |              | Gravity                |               |
| 5-24-48                                            |        | Flowing                                             |              |                        |               |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil    | Gas                                                 | Water        | %                      | Gas-oil ratio |
|                                                    | 0 bbl. | 4500 MCF                                            |              | 0 bbl.                 | CFPS          |
| Disposition of gas (vented, used on lease or sold) |        |                                                     | Perforations |                        |               |
| Sold                                               |        |                                                     | Open hole    |                        |               |

Note: Operator at time well was drilled:

Warren Petroleum Corp.  
Box 1589  
Tulsa, Oklahoma

1982  
CONSERVATION DIVISION  
Wichita, Kansas

## Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs./ft. | Setting depth | Type cement | Seals | Type and percent additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|-------------|-------|----------------------------|
| Surface           | 13-3/4            | 10-3/4                    | 40-1/2          | 602           | Portland    | 350   | NR                         |
| Production        | 9                 | 7                         | 20              | 2597          | NR          | 100   | NR                         |
| Liner             | 7                 | 5-1/2                     | 14              | 2702          | None        | None  | None                       |

## LINER RECORD

| Top, ft. | Bottom, ft. | Seals cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| 2590     | 2702        | None         |               |             |                |

## TUBING RECORD

| Size      | Setting depth | Packer set at |  |  |  |
|-----------|---------------|---------------|--|--|--|
| No record | no record     | None          |  |  |  |