

PT

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

WICHITA, BRANCH (REV) ACO-1

32-23-34W

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 Cities Service Company

API NO. 15 - 055 - 20483

ADDRESS 3545 N.W. 58th Street

COUNTY Finney

Oklahoma City, OK 73112

FIELD Panoma

\*\*CONTACT PERSON Larry Ervin

PROD. FORMATION Council Grove

PHONE 405 - 949 - 4277

LEASE Garden City E

PURCHASER

WELL NO. 2

ADDRESS

WELL LOCATION SE/4 SE/4

DRILLING CONTRACTOR Earl F. Wakefield, Inc.

1250 Ft. from South Line and

ADDRESS 300 West Douglas

1250 Ft. from East Line of

Wichita, Kansas

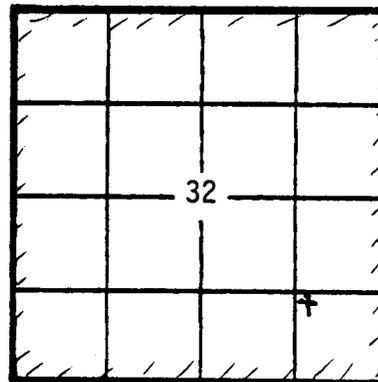
the SE/4 SEC. 32 TWP. 23S RGE. 34W

WELL PLAT

PLUGGING

CONTRACTOR

ADDRESS



KCC KGS (Office Use)

TOTAL DEPTH 2946' PBTD 2894'

SPUD DATE 8-15-81 DATE COMPLETED 4-21-82

ELEV: GR 2961' DF 2966' KB

DRILLED WITH ~~CONCRETE~~ (ROTARY) ~~TOOLS~~

Amount of surface pipe set and cemented 2384' DV Tool Used? Yes @ 821'

AFFIDAVIT

STATE OF Oklahoma, COUNTY OF Oklahoma, SS, I,

W. A. Givens OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Production Region Manager (FOR)(OF) Cities Service Company

OPERATOR OF THE Garden City E LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 2 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 21st DAY OF April, 19 82, AND THAT

ALL INFORMATION ENTERED HERFIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT

**SIDE TWO**

**WELL LOG**

SHOW GEOLOGICAL MARKERS, LOGS RUN, 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   | DEPTH |
|---------------------------------------|------|--------|--|-------|
| Sand & Blue Clay                      | 0    | 610    | LOGGING:<br>Ran borehole compensated sonic log w/GR & caliper. GR log from 2439-2000'; GR log from 2508-2000'; GR Log 2568-2100'.<br>Ran CNL - FDC w/GR & caliper. Dual Ind.-SFL from TD to 2385 CBL w/GR & OCL from 2894-1300 |       |
| Sand & Clay                           | 610  | 1030   |  |       |
| Sand, Clay & Red Bed, Anhydrite       | 1030 | 1350   |  |       |
| Anhydrite & Red Bed                   | 1350 | 2000   |  |       |
| Shale                                 | 2000 | 2185   |  |       |
| Red Bed & Shale                       | 2185 | 2370   |  |       |
| Shale & Red Bed                       | 2370 | 2385   |  |       |
| Shale                                 | 2385 | 2390   |  |       |
| Shale & Lime                          | 2390 | 2438   |  |       |
| Lime w/anhydrite & chert streaks      | 2438 | 2454   |  |       |
| Lime                                  | 2454 | 2480   |  |       |
| Lime & Shale                          | 2480 | 2508   |  |       |
| Shale                                 | 2508 | 2516   |  |       |
| Lime Dolomite, Shale                  | 2516 | 2628   |  |       |
| Lime & Shale                          | 2628 | 2768   |  |       |
| Shale & Lime                          | 2768 | 2890   |  |       |
| Lime & Shale                          | 2890 | 2940   |  |       |
| R.T.D                                 |      | 2940   |  |       |
| P.B.T.D.                              |      | 2894   |  |       |

Amount and kind of material used

Depth interval treated

|   |           |
|---|-----------|
| Fracture treated Council Grove down 4-1/2 csg as follows: 4000 gals. 15% HCl, 10,000 gals. 1% KCLW pad, 25,000 gals. 1% KCLW w/1 ppg, 20/40 sd, 35,000 gals. 1% KCLW w/2 ppg, 20/40 sd, 50,000 gals 1% KCLW w/3 ppg 20/40 sd, 3000 gals 1% KCLW flush | 2748-2839 |
|---|-----------|

|  |  |         |
|--|--|---------|
| Date of first production<br>4-21-82 (4-pt. test) | Producing method (flowing, pumping, gas lift, etc.)<br>Flowing; has pmppg unit to pump off water | Gravity |
|--|--|---------|

|                                 |                    |                       |              |                         |
|---------------------------------|--------------------|-----------------------|--------------|-------------------------|
| RATE OF PRODUCTION PER 24 HOURS | Oil<br>— — — bbls. | Gas<br>CAOF: 3106 MCF | Water<br>% 8 | Gas-oil ratio<br>— CFPB |
|---------------------------------|--------------------|-----------------------|--------------|-------------------------|

|  |                                     |
|--|-------------------------------------|
| Disposition of gas (vented, used on lease or sold)<br>To be sold | Perforations<br>2748-2859 (5 zones) |
|--|-------------------------------------|

**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               | Sacks     | Type and percent additives            |
|-------------------|-------------------|---------------------------|-----------------|---------------|---------------------------|-----------|---------------------------------------|
| Surface           | 12-1/4"           | 8-5/8                     | 24#             | 2384' KB      | Class "H"<br>35/65 Pozmix | 50<br>450 | 6% Gel, 2% CaCl, 1/4 D-29             |
|                   |                   |                           |                 |               | Class "H"                 | 150       | 3% CaCl, 1/4# D-29<br>12-1/2#/sx D-42 |
| Production        | 7-7/8"            | 4-1/2                     | 9.5#            | 2942' KB      | 35/65 Pozmix              | 125       | 6% Total Gel,<br>1/4# D-29, .8% D-65  |
|                   |                   |                           |                 |               | 50/50 Pozmix              | 125       | 1/4# D-29, 2% 1<br>8% D-65, 18% salt  |

**LINER RECORD**

**PERFORATION RECORD**

|          |             |              |               |               |                |
|----------|-------------|--------------|---------------|---------------|----------------|
| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Well Name     | Depth interval |
|          |             |              | 2 DPJSPF      | Council Grove | 2748-67        |

**TUBING RECORD**

|        |               |               |                                   |
|--------|---------------|---------------|-----------------------------------|
| Size   | Setting depth | Pusher set at | Depth interval                    |
| 1-1/2" | 2947'         |               | 2772-90<br>2796-2806<br>2808-2820 |