

## KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 135 — 21,924  
County Number

Operator

Cities Service Company

Address

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

Well No.

4

Lease Name

O'Brien "B"

Footage Location

2086'

feet from (X) (S) line

1874'

feet from (X) (W) line

Principal Contractor

Rains &amp; Williamson

Geologist

Well Site - Calvin Clay

Spud Date

2-5-81

Date Completed

5-5-81

Total Depth

4463'

P.B.T.D.

Directional Deviation

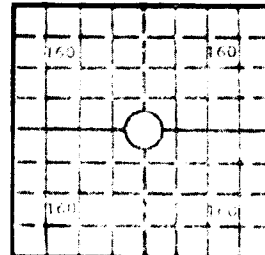
No directional Deviation

Oil and/or Gas Purchaser

Getty Oil Co.

S. 7 T. 20S R. 21 <sup>XX</sup>W  
Loc. 2086' FSL-1874' FWL

County Ness

640 Acres  
N

Locate well correctly

Elev.: Gr. 2215'

DF 2220' KB 2224'

## 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 pipe      | 12 1/4"           | 8 5/8"                    | 24#            | 542'          | 50-50 Pozmix | 400   | 2% CaCl-2                  |
| Prod. casing      | 7 7/8"            | 4 1/2"                    | 9.5#           | 4462'         | 50-50 Pozmix | 250   | 10% salt<br>.75 CFR-2      |
|                   |                   |                           |                |               |              |       |                            |
|                   |                   |                           |                |               |              |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
|               |               |               | 2             |             | 4373' -76'     |
| TUBING RECORD |               |               |               |             |                |
| 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.) |                        |               |  |
| 5-5-81                                             |             | Pumping                                             |                        |               |  |
| RATE OF PRODUCTION<br>PER 24 HOURS                 | Oil         | Gas                                                 | Water                  | Gas-oil ratio |  |
|                                                    | 18<br>bbls. | 0<br>MCF                                            | 7<br>bbls.             | CFPB          |  |
| Disposition of gas (vented, used on lease or sold) |             |                                                     | Producing interval (s) |               |  |
|                                                    |             |                                                     | 4373'-76'              |               |  |

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, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

# DRILLER'S LOG

COMPANY: Cities Service Company

SEC. 7 T. 20S R. 21W

LOC.

WELL NAME: O'Brien 'B' #4

COUNTY: Ness

RIG NO. #2

TOTAL DEPTH 4463'

ELEVATION

COMMENCED: 2-5-81

COMPLETED: 2-15-81

CONTRACTOR: Rains & Williamson Oil Co., Inc.

## CASING RECORD:

SURFACE: 8 5/8" @ 541' w/400 sx. 50/50 poz., 2% cc.

PRODUCTION: 4 1/2" @ 4362' w/250 sx. 50/50 poz., 10% gel,  
.75% PR2.

## LOG

(Figures Indicate Bottom of Formations)

|                           |             |
|---------------------------|-------------|
| Sand                      | 445         |
| Shale & Sand              | 545         |
| Shale                     | 885         |
| Sand                      | 1080        |
| Shale                     | 2260        |
| Shale & Lime              | 2752        |
| Lime & Shale              | 3850        |
| Shale & Lime              | 3859        |
| Lime                      | 4194        |
| Shale & Lime              | 4275        |
| Lime & Shale              | 4348        |
| Lime                      | 4463        |
| <u>ROTARY TOTAL DEPTH</u> | <u>4463</u> |

STATE OF Kansas)

COUNTY OF Sedgwick)

SS: