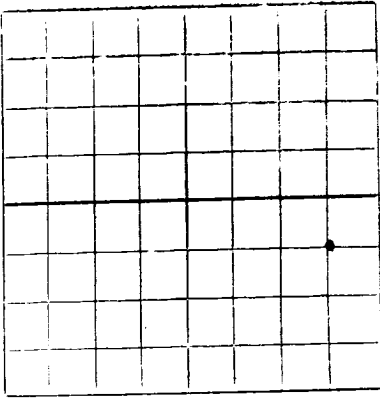


N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Cities Service Production Co.

(Company or Operator)

Taylor "B"

(Lease)

Well No. 2, in NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Sec. 7, T. 12-S, R. 38-E, NMPM.

Undesignated

Pool, Lea

County.

Well is 660 feet from East line and 1960 feet from South line

of Section 7-12S-38E. If State Land the Oil and Gas Lease No. is -

Drilling Commenced Aug. 29, 19 57. Drilling was Completed Nov. 4, 19 57

Name of Drilling Contractor Rowan Drlg. Co.

Address Box 1873, Midland, Texas

Elevation above sea level at Top of Tubing Head (3883 DF) 3870 Gr.. The information given is to be kept confidential until -, 19 -

OIL SANDS OR ZONES

No. 1, from 12,016 to 12,021 No. 4, from - to -  
No. 2, from - to - No. 5, from - to -  
No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from - to - feet. -  
No. 2, from - to - feet. -  
No. 3, from - to - feet. -  
No. 4, from - to - feet. -

CASING RECORD

| SIZE   | WEIGHT PER FOOT | NEW OR USED | AMOUNT   | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS    | PURPOSE      |
|--------|-----------------|-------------|----------|--------------|---------------------|-----------------|--------------|
| 13 3/8 | 48#             | New & Used  | 329      | Baker        | -                   | -               | Surface      |
| 8 5/8  | 32#             | New         | 4469.31  | Baker        | -                   | -               | Intermediate |
| 5 1/2  | 17 & 20#        | New         | 12014.10 | Baker        | -                   | 12,016 - 12,021 | Production   |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/4"      | 13 3/8         | 348.15    | 325                 | Plug        | -           | -                  |
| 11 1/4"      | 8 5/8          | 4484.51   | 1242                | Plug        | -           | -                  |
| 7 7/8"       | 5 1/2          | 12026.80  | 625                 | Plug        | -           | -                  |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

500 gal. mud acid 12016-12021

Result of Production Stimulation Swabbed 33 BO cut 8% water - well started flowing by heads

Depth Cleaned Out -

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 12030 feet, and from - feet to - feet.  
Cable tools were used from - feet to - feet, and from - feet to - feet.

## PRODUCTION

Put to Producing November 8, 1957  
9

OIL WELL: The production during the first 9 hours was 739.7 barrels of liquid of which 99.8% was oil; 0.2% was emulsion; -% water; and -% was sediment. A.P.I. Gravity 45

GAS WELL: The production during the first 24 hours was - M.C.F. plus - barrels of liquid Hydrocarbon. Shut in Pressure - lbs.

Length of Time Shut in -

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy. 12016  
T. Salt  
B. Salt  
T. Yates  
T. 7 Rivers  
T. Queen  
T. Grayburg  
T. San Andres 4450  
T. Glorieta  
T. Drinkard  
T. Clearfork 6553  
T. Abo 7832  
T. Hueco 9080  
T. Penn. 9687  
T. Miss 11358  
Woodford Shale 11924

### Northwestern New Mexico

T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Granite  
T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Farmington  
T. Pictured Cliffs  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Dakota  
T. Morrison  
T. Penn.  
T.  
T.  
T.  
T.

## FORMATION RECORD

| From  | To    | Thickness<br>in Feet | Formation                  | From                                         | To                          | Thickness<br>in Feet  | Formation |
|-------|-------|----------------------|----------------------------|----------------------------------------------|-----------------------------|-----------------------|-----------|
| 0     | 225   | 225                  | Sd, Surface Soil & Caliche | DST #1 (9475-9561)                           | 86'                         | Wolfcamp. Tool open 2 |           |
| 225   | 350   | 125                  | Red Bed                    | hrs. 1" TC 5/8" BC                           | air to surface immediately, |                       |           |
| 350   | 676   | 326                  | Shale                      | sweet gas to surface in 34 min. Tool opened  |                             |                       |           |
| 676   | 1605  | 929                  | Shale - Red Bed            | w/weak blow increased to strong, 4 min. Re-  |                             |                       |           |
| 1605  | 1918  | 313                  | Red Bed                    | versed out 2689' (18.95 bbls.) slightly mud  |                             |                       |           |
| 1918  | 2231  | 313                  | Anhy. - gyp                | and water 90,000 ppm. Mud before test 78,000 |                             |                       |           |
| 2231  | 2431  | 200                  | Anhy.                      | ppm. IFP 310#, FFP 1000#, 30 min. SIP 2765#, |                             |                       |           |
| 2431  | 3053  | 622                  | Anhy.                      | MCP 4635, MCP out 4635.                      |                             |                       |           |
| 3053  | 4455  | 1402                 | Anhy.                      |                                              |                             |                       |           |
| 4455  | 4485  | 30                   | Anhy. - lime               |                                              |                             |                       |           |
| 4485  | 6594  | 2109                 | Lime                       |                                              |                             |                       |           |
| 6594  | 6710  | 116                  | Lime - Shale               |                                              |                             |                       |           |
| 6710  | 10810 | 4100                 | Lime                       |                                              |                             |                       |           |
| 10810 | 10844 | 34                   | Lime - Chert - Shale       |                                              |                             |                       |           |
| 10844 | 10973 | 129                  | Lime - Chert               |                                              |                             |                       |           |
| 10973 | 11127 | 154                  | Lime                       |                                              |                             |                       |           |
| 11127 | 11423 | 296                  | Lime - Shale               |                                              |                             |                       |           |
| 11423 | 11516 | 93                   | Lime                       |                                              |                             |                       |           |
| 11516 | 11529 | 13                   | Lime - Chert               |                                              |                             |                       |           |
| 11529 | 11553 | 24                   | Lime                       |                                              |                             |                       |           |
| 11553 | 11556 | 3                    | Lime - Chert               |                                              |                             |                       |           |
| 11556 | 11877 | 321                  | Lime                       |                                              |                             |                       |           |
| 11877 | 11921 | 44                   | Lime - Shale               |                                              |                             |                       |           |
| 11921 | 12001 | 80                   | Shale                      |                                              |                             |                       |           |
| 12001 | 12030 | 29                   | Lime - Shale               |                                              |                             |                       |           |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Cities Service Production Co.  
Name Geo. M. Geyer

Address Box 97, Hobbs, New Mexico  
Position or Title Dist. Supt.  
11-11-57 (Date)