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Form 17-105  
Revised 11-8-8

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                               |                                         |
|-------------------------------|-----------------------------------------|
| 1. Indicate Type of Lease     |                                         |
| Date <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 2. Indicate the type of lease |                                         |

10. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

11. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Cities Service Company

3. Address of Operator

P.O. Box 1919 Midland, TX 79702

4. Location of Well

UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

THE East LINE OF SEC. 19 TWP. 24S RGE. 37E NMPN Lea

15. Date Spudded 3/16/79 16. Date T.D. Reached 4/4/79 17. Date Compl. (Ready to Prod.) 4/27/79 18. Elevations (DF, RKB, RT, GR, etc.) 3280.8 GR 19. Elev. Casinghead 3280.8

20. Total Depth 3750' 21. Plug Back T.D. 3714' 22. If Multiple Compl., How Many 0-3750' 23. Intervals Retired By 0-3750' 24. Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name 3477' - 3636' Seven Rivers Queen 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run FDC/CNL-GR-CAL, DLL-MSFL-GR GR-CCL 27. Was Well Cored No

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8-5/8"                                             | 24#            | 449'      | 12 1/4"   | 300 sx           |               |
| 5 1/2"                                             | 14#            | 3750'     | 7-7/8"    | 1000 sx          |               |
|                                                    |                |           |           |                  |               |
|                                                    |                |           |           |                  |               |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |        |           |            |
|------------------|-----|--------|--------------|-------------------|--------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
|                  |     |        |              |                   | 2-3/8" | 3636'     |            |
|                  |     |        |              |                   |        |           |            |

31. Perforation Record (Interval, size and number) 4 - 0.40" holes @ 3477, 2- 0.40 holes each @ 3478, 3509, 3510, 3511, 3514, 3529, 3530, 3531, 3548, 3549, 3550, 3554, 3567, 3575, 3579, 3593, 3612, & 3636.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                    |
|----------------|------------------------------------------------------------------|
| 3477 - 3636    | 4/2500 gals 15% & additives w/ 500 SCF N2/bbl. & 60 7/8" RCNCB's |
| 3477 - 3636    | Fracced w/33000 gals gelled fresh wtr frac fluid, 13,000 gals    |

33. liquid CO2 w/33000# 20/40 sand & 15,000# PRODUCTION 10/20 sand.

|                                      |                                                                                                         |                                                                                                      |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Date First Production <u>4/18/79</u> | Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pumping 2" x 1 1/2" BH. Pump</u> | Well Status (Prod. or Shut-in) <u>Producing</u>                                                      |
| Date of Test <u>4/27/79</u>          | Hours Tested <u>24 hrs</u>                                                                              | Choke Size <u>85</u>                                                                                 |
| Flow Tubing Press.                   | Casing Pressure                                                                                         | Oil - Bbl. <u>85</u> Gas - MCF <u>45</u> Water - Bbl. <u>0</u> Gas - Oil Ratio <u>529</u>            |
|                                      | Calculated 24-Hour Rate                                                                                 | Oil - Bbl. <u>85</u> Gas - MCF <u>45</u> Water - Bbl. <u>0</u> Oil Gravity - API (Corr.) <u>36.9</u> |

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed by P. C. Hayes

35. List of Attachments Deviation affidavit

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Region Operations Mgr. DATE 4/27/79

# INSTRUCTIONS

This form is to be filed with the report to District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by two copies of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including full stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 10 through 14 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 11.5.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____ 2959      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____ 3178   | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____ 3566      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____       | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 2959 to \_\_\_\_\_ 3636 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 Drilled with rotary information not available. \_\_\_\_\_ feet.  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

### FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness<br>in Feet | Formation        | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|------------------|------|----|----------------------|-----------|
| 0'    | 800'  | 800'                 | Red Bed          |      |    |                      |           |
| 800'  | 1581' | 781'                 | Salt & Anhydrite |      |    |                      |           |
| 1581' | 2160' | 579'                 | Anhydrite & Salt |      |    |                      |           |
| 2160' | 3125' | 965'                 | Anhydrite        |      |    |                      |           |
| 3125' | 3353' | 228'                 | Dolomite & Lime  |      |    |                      |           |
| 3353' | 3750' | 397'                 | Dolomite         |      |    |                      |           |