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

Form O-109  
 APR 24 1981  
 1. Initial Type of Lease  
 Station ☒ ☐ Fee ☐  
 2. Title of Lease  
 L-5817

1a. TYPE OF WELL  
 OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER CO<sub>2</sub> Supply  
 b. 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, Texas 79702

4. Location of Well  
 UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 25 TWP. 19N RGE. 29E Harding

15. Date Spudded 3-22-81 16. Date T.D. Reached 3-28-81 17. Date Compl. (Ready to Prod.) 4-13-81 18. Elevations (D.F., RKB, RT, GR, etc.) 4482.6' GR 19. Elev. Casinghead 4482.6'

20. Total Depth 2250' 21. Plug Back T.D. 2175' 22. If Multiple Compl., How Many 0 23. Intervals Drilled By 0 - T.D. 2250' ---

24. Producing Interval(s), of this completion - Top, Bottom, Name  
1950 - 1989' - Tubb 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run  
FDC-CNL-GR-Cal, DLL & MSFL, Deviation Survey 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#            | 600'      | 17-1/4"   | 500 Sacks        | Circulated    |
| 5-1/2"      | 14#            | 2243'     | 7-7/8"    | 700 Sacks        | Circulated    |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE     | DEPTH SET | PACKER SET |
|----------|-----------|------------|
| 2-3/8"OD | 1899'     | 1896'      |

31. Perforation Record (Interval, size and number)  
2-0.50" SPF @ 1950, 1951, 1956, 1959, 1962, 1979, 1980, 1985, 1986, 1987 & 1989'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 1950-1989'     | 3000 gals 7-1/2% HCl acid     |

33. PRODUCTION

Date First Production 4-12-81 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-in

Date of Test 4-13-81 Hours Tested 24 hrs. Choke Size 1/2" Prod'n. Per Test Period 1050 Oil - REL. XXX - MCF Water - REL. Gas - Oil Ratio

Flow Tubing Press. 150# Casing Pressure Calculated 24-hour Rate 1050 Oil - REL. Gas - MCF Water - REL. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut-in Test Witnessed By M. Gosch

35. List of Attachments  
Deviation Survey

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 E. Spiller TITLE Region Operations Mgr. DATE 4-17-81

## INSTRUCTIONS

This form is to be filed with the appropriate 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 one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 26 through 34 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 1135.

## 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 _____           | T. Miss _____               | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____           | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____           | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____            | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____            | T. Gallup _____             | T. Ignacio Qtzte _____ |
| 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 _____ 1926       | T. Granite _____            | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____      | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Bone Springs _____       | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. <u>Cimarron A. 1910</u>  | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. <u>Pre-Cambrian 2094</u> | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                    | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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. \_\_\_\_\_

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                   | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------------------|------|----|----------------------|-----------|
| 0    | 960  | 960                  | Surf. Rock & Red Beds       |      |    |                      |           |
| 960  | 1805 | 845                  | Dolo., Anhy. & Shale        |      |    |                      |           |
| 1805 | 2250 | 445                  | Shale, Sand, Lime & Granite |      |    |                      |           |
|      |      |                      | T.D. 2250'                  |      |    |                      |           |