| NO. OF COPIES RECEIVED | |
|---|---|
| DISTRIBUTION | |
| SANTA FE | |
| FILE | ✓ |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

JUN 02 1981

Form C-105
Revised 1-1-65

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

OIL CONSERVATION DIVISION
SANTA FE

5a. Indicate Type of Lease: State X Fee ☐
5b. State Oil & Gas Lease No.: L-5777

1a. TYPE OF WELL
b. TYPE OF COMPLETION
NEW WELL [X] WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER $CO_2$ Supply

7. Unit Agreement Name:
8. Farm or Lease Name: State DL
9. Well No.: 1
10. Field and Pool, or Wildcat: Bravo Dome Area

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 2310 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 32 TWP. 20N RGE. 29E NMPM
12. County: Harding

| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Cashinghead |
|---|---|---|---|---|
| 4-30-81 | 5-13-81 | 5-25-81 | 4341' GR | 4341' |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 2940' | 2885' | | → | 0-T.D. 2940' | ---- |

24. Producing Interval(s), of this completion — Top, Bottom, Name: 2690 - 2717 - Tubb
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: CNL, FDC, 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# | 800' | 12-1/4" | 700 sacks | circulated |
| 5-1/2" | 14# | 2940' | 7-7/8" | 800 sacks | circulated |
| | | | | | |
| | | | | | |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2-3/8" | 2621' | 2616' |
| | | |

31. Perforation Record (Interval, size and number): 2690',
2-0.50" SPF @ 2691, 2692, 2693, 2694, 2695, 2696, 2702, 2703, 2704, 2705, 2713, 2714, 2715, 2716 and 2717'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 2690 -2717' | 3000 gals 7-1/2% HCl acid |
| | |
| | |
| | |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 5-21-81 | Flowing $CO_2$ | Shut-in |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas — Oil Ratio |
|---|---|---|---|---|---|---|---|
| 5-25-81 | 24 hrs. | 3/4" | | | 300 | | |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| 100# | | | | | | |

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Well is shut-in
Test witnessed by: J. Gibson

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 [signature] TITLE Region Opr. Mgr. - Prod. DATE 5-27-81

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 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 35 through 38 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 1105.

## 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 | 1840 | T. Simpson | | T. Gallup | | T. Ignacio Qzte | |
| T. Glorieta | 2077 | T. McKee | | Base Greenhorn | | T. Granite | |
| T. Paddock | | T. Ellenburger | | T. Dakota | | T. | |
| T. Blinebry | | T. Gr. Wash | | T. Morrison | | T. | |
| T. Tubb | 2656 | T. Granite | 2750 | T. Todilto | | T. | |
| T. Drinkard | | T. Delaware Sand | | T. Entrada | | T. | |
| T. Abo | | T. Bone Springs | | T. Wingate | | T. | |
| T. Wolfcamp | | T. Santa Rosa | 1338 | T. Chinle | | T. | |
| T. Penn. | | T. Yeso | 2238 | T. Permian | | T. | |
| T. Cisco (Bough C) | | T. Cimarron A. | 2637 | 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 in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|---|---|---|---|---|---|---|
| 0 | 801 | 801 | Surf. Rock & Red Beds | | | | |
| 801 | 2940 | 2139 | Sand, Shale & Granite | | | | |
| | | | T.D. 2940' | | | | |