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

May 11 1981
 RECEIVED

| | |
|-------------------------------|--|
| 1. Type of Lease | State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 2. Lease No. Gas Lease No. | L-5813 |
| 3. Well Name | |
| 4. Well No. | |
| 5. Field and Foot, or Wildcat | |

10. TYPE OF WELL
 OIL WELL GAS WELL DRY OTHER CO₂ supply

11. TYPE OF COMPLETION
 NEW WELL ACRO. OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

6. Test Agreement Name

7. Name of Lessee Name

8. Well No.

9. Field and Foot, or Wildcat

2. Name of Operator
 Cities Service Company

3. Address of Operator
 Box 1919, Midland, TX 79702

10. Field and Foot, or Wildcat
 Bravo Dome Area

4. Location of Well

UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1880 FEET FROM THE West LINE OF SEC. 3 TWP. 19N RGE. 29E N.M.P.N.

11. County
 Harding

15. Date Spudded 4/14/81 16. Date T.D. Reached 4/19/81 17. Date Compl. (Ready to Prod.)

18. Elevations (DF, RKB, RT, GR, etc.) 4677' GR 19. Elev. Casinghead 4677'

20. Total Depth 2351' 21. Plug Back T.D. 2300 22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools D-T.D. 2351' Cable Tools

24. Producing interval(s), of this completion - Top, Bottom, Name
2072 - 2094' - Tubb

25. Was Directional Survey Made
 NO

26. Type Electric and Other Logs Run
 CNL, FDC, GR-CAL, DLL-MSFL, Deviation Svy.

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# | 590' | 12 1/4" | 500 sacks | Circulated |
| 5 1/2" | 14# | 2346' | 7-7/8" | 675 sacks | Circulated |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 2010 | 2006' |

31. Perforation Record (Interval, size and number) 2 0.56" SPF @ 2072, 2073, 2074, 2075, 2076, 2092, 2093, & 2094

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 2072 - 2094 | 3000 Gals 7 1/2% HCl acid |

33. PRODUCTION

Date First Production 4/29/81 Production Method (Flowing, gas lift, pumping - Size and type pump) CO₂ Well Status (Prod. or Shut-in) Shut-in

Date of Test 5-1-81 Hours Tested 24 hrs. Choke Size 1/2" Prodn. Per Test Period 77 Oil - BBL. XXX - MCF 77 Water - BBL. Gas - Oil Ratio

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

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

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 5-5-81

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 resistivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All logs reported shall be measured by log. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 10 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 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 _____ | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzite _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | 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. Santa Rosa _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. Yeso _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. Cimarron A _____ | T. Penn. "A" _____ | T. _____ |
| T. Pre-Cambrian _____ | | | |

1250

1482

2042

748

1616

2026

2150

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 | 1320 | 1320 | Surf Rock & Red Beds | | | | |
| 1320 | 1865 | 545 | Red Beds & Sand | | | | |
| 1865 | 2351 | 486 | Sand & Granite | | | | |
| | | | T.D. 2351' | | | | |