

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

WELL API NO.

30 025 32313

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-1924-1

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

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

7. Lease Name or Unit Agreement Name

Diamond 7 State #2

2. Name of Operator

Enron Oil & Gas Company

8. Well No.

2

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

9. Pool name or Wildcat

Red Hills Bone Spring

4. Well Location

Unit Letter K : 1650 Feet From The south Line and 1650 Feet From The west Line

Section 7 Township 25S Range 34E NMPM Lea County

10. Date Spudded

4-15-94

11. Date T.D. Reached

5-4-94

12. Date Compl. (Ready to Prod.)

5-19-94

13. Elevations (DF & RKB, RT, GR, etc.)

3376' GR

14. Elev. Casinghead

3376'

15. Total Depth

12550

16. Plug Back T.D.

12457

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing interval(s), of this completion - Top, Bottom, Name

12290-12340 (Bone Spring)

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Comp. Z-Densilog, Comp Neutron, GR

22. Was Well Cored

No

**23. CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|--------------------------|---------------|
| 11-3/4      | 42#           | 679       | 14-3/4    | 350 Prem Plus            | Circulated    |
| 8-5/8       | 32#           | 5040      | 11        | 1200 HLC & 200 Prem Plus | Circulated    |
| 5-1/2       | 17#           | 12545     | 7-7/8     | 1232 HLC & 200 Prem Plus | TOC 5300'     |
|             |               |           |           |                          |               |
|             |               |           |           |                          |               |

**24. LINER RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------|-----------|------------|
|      |     |        |              |        | None |           |            |
|      |     |        |              |        |      |           |            |

**25. TUBING RECORD**

26. Perforation record (interval, size, and number)

12290-12340 (.38" 186)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

12290-12340 72,450 gals Medallion 3000 gel  
& 77,994# 20/40 Interprop plus and  
91,318 gals Medallion 3500 gel, 76,000# 20/40

**28. PRODUCTION** Interprop plus & 1000 gals 15% HCl

Date First Production

5-21-94

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Date of Test

6-15-94

Hours Tested

24

Choke Size

16/64

Prod'n For Test Period

Oil - Bbl.

599

Gas - MCF

1048

Water - Bbl.

0

Gas - Oil Ratio

1750

Flow Tubing Press.

-

Casing Pressure

2200

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

50.0

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments

Logs, Form C-104 & Inclination Report

31. 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

Signature

Betty Gildon

Printed Name

Betty Gildon

Title

Regulatory Analyst

Date 6/23/94

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

|                    |                  |       |
|--------------------|------------------|-------|
| T. Anhy            | T. Cherry        | 6476  |
| T. Salt            | T. Strawn        |       |
| B. Salt            | T. Atoka         |       |
| T. Yates           | T. Miss          |       |
| T. 7 Rivers        | T. Devonian      |       |
| T. Queen           | T. Silurian      |       |
| T. Grayburg        | T. Montoya       |       |
| T. San Andres      | T. Simpson       |       |
| T. Glorieta        | T. McKee         |       |
| T. Paddock         | T. Ellenburger   |       |
| T. Blinberry       | T. Gr. Wash      |       |
| T. Tubb            | T. Delaware Sand | 5238  |
| T. Drinkard        | T. Bone Springs  | 9267  |
| T. Abo             | T. 3rd B.S. Sd   | 11960 |
| T. Wolfcamp        | T. Wolfcamp      | 12370 |
| T. Penn            | T.               |       |
| T. Cisco (Bough C) | T.               |       |

## Northwestern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Cliff House _____        | T. Leadville _____     |
| T. Menefee _____            | T. Madison _____       |
| T. Point Lookout _____      | T. Elbert _____        |
| T. Mancos _____             | T. McCracken _____     |
| T. Gallup _____             | T. Ignacio Otzte _____ |
| Base Greenhorn _____        | T. Granite _____       |
| T. Dakota _____             | T. _____               |
| T. Morrison _____           | T. _____               |
| T. Todilto _____            | T. _____               |
| T. Entrada _____            | T. _____               |
| T. Wingate _____            | T. _____               |
| T. Chinle _____             | T. _____               |
| T. Permian _____            | T. _____               |
| T. Penn "A" _____           | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from 12290 to 12340  
No. 2, from to  
No. 3, from to  
No. 4, from to

## IMPORTANT WATER SANDS

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

No. 1, from.....None.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From  | To    | Thickness<br>in Feet | Lithology         |
|-------|-------|----------------------|-------------------|
| 0     | 6050  | 6050                 | Anhy, Salt        |
| 6050  | 8941  | 2891                 | Limestone, Sand   |
| 8941  | 10720 | 1779                 | Shale, Sand       |
| 10720 | 12550 | 1830                 | Lime, Shale, Sand |

10-10-68

OPTION