

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. ILCONS. COMMISSION
BOX 1980
NEW MEXICO 88240
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Enron Oil & Gas Company

3. Address and Telephone No.

P. O. Box 2267, Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FNL & 1650' FWL
Sec 6, T24S, R32E

5. Lease Designation and Serial No.
NM 77064

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mesa Verde 6 Federal #14

9. API Well No.

30 025 32753

10. Field and Pool, or Exploratory Area

Mesa Verde Bone Spring

11. County or Parish, State

Lea County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

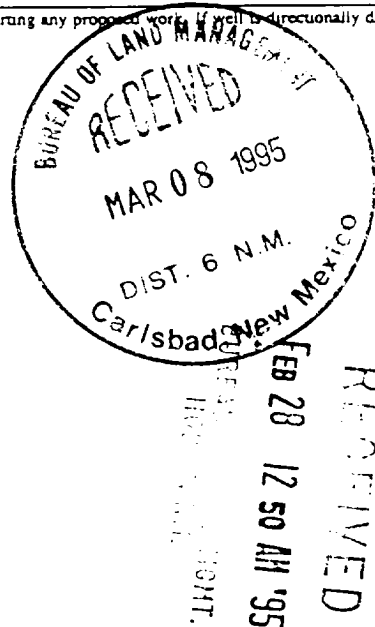
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other: Disposal Method of
Produced Water

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- SEE ATTACHED -



14. I hereby certify that the foregoing is true and correct

Signed Betty Gildon Title Regulatory Analyst

Date 2/9/95

(This space for Federal or State office use)

Approved by Petroleum Engineer Title

Date 3/15/95

Conditions of approval, if any:

- SEE ATTACHED -

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

(rev. 3/10/94)

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Oil and Gas Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.

Mesa Verde 6 Federal No. 14

1. Name of formation(s) producing water on the lease:

Bone Spring

2. Amount of water produced from all formations in bbls/day:

The well averages 45 barrels of water/day

3. How water is stored on lease:

210 barrel fiber glass tank

4. How water is moved to the disposal facility:

B&E Water Haulers

5. Primary disposal facility:

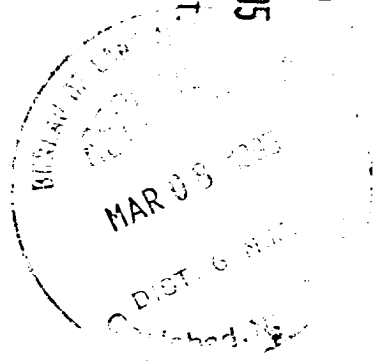
Enron Oil & Gas Company's Vaca Ridge 30 Federal #1 SWD-549, located
1980' FSL & 1980' FWL (Unit K) of Section 30, T24S, R34E. Lea County.

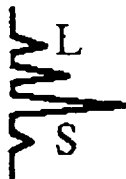
6. Secondary disposal facility:

Bettis, Boyle & Stovall's Littlefield Federal No. 1 SWD R-485, located
660' FNL & 1980' FEL (Unit B) of Section 11, T24S, R31E. Eddy County.

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Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

WATER ANALYSIS

COMPANY Enron Oil & Gas Corporation

SAMPLE Mesa Verde 6 #14

SAMPLED BY Lane Thorp - Pro Well

DATE TAKEN 02-02-95

REMARKS Has heavy scale forming tendency.

Barium as Ba 0.00

Carbonate alkalinity PPM 8

Bicarbonate alkalinity PPM 860

pH at Lab 7.44

Specific Gravity @ 60° F 1.084

Magnesium as Mg 6,380

Total Hardness as CaCO₃ 11,000

Chlorides as Cl 69,894

Sulfate as SO₄ 5,750

Iron as Fe 30.25

Potassium 467.50

Hydrogen Sulfide 0.00

Resistivity Ohms 0.1100 22.9° C

Total Dissolved Solids 110,750

Calcium as CA 4,620

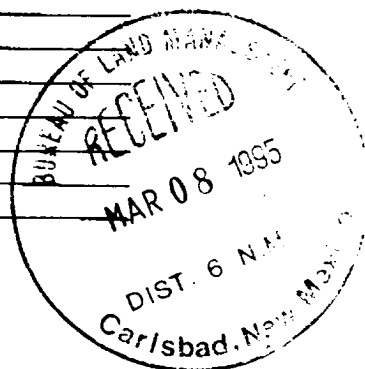
Nitrate 52.80

Results reported as Parts per Million unless stated

Langelier Saturation Index +2.09

Analysis by Rolland Perry

Date: 02-03-95



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