

Form 3160-5  
(June 1990)

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**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)

660' FSL & 2110' FEL  
Sec 7, T25S, R34E

5. Lease Designation and Serial No.

NM 19625

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

Red Hills  
Half 7 Federal #2-A

9. API Well No.

30 025 32631

10. Field and Pool, or Exploratory Area

Red Hills Bone Spring

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Disposal Method for  
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 10/24/94

(This space for Federal or State office use)

One Signed by Shannon J. Shaw

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

**PETROLEUM ENGINEER**

Date 11/4/94

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

Half 7 Federal #2

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 63 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.



# Laboratory Services, Inc.

1331 Tasker Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

## WATER ANALYSIS

COMPANY Enron Oil & Gas Company

SAMPLE Half 7 Federal #2

SAMPLED BY Ray Gallagher-Pro Well

DATE TAKEN 10/13/94 8:00AM

REMARKS Sampled At Separator 1090 Bbls. Recovered

Barium as Ba	0.00	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	704	
pH at Lab	6.91	
Specific Gravity @ 60° F	1.046	
Magnesium as Mg	5,394	
Total Hardness as CaCO <sub>3</sub>	9,300	
Chlorides as Cl	45,890	
Sulfate as SO <sub>4</sub>	925	
Iron as Fe	41.50	
Potassium	16.25	
Hydrogen Sulfide	0.00	
Resistivity Ohms	0.1550	24.2° C
Total Dissolved Solids	72,250	
Calcium as CA	3,906	
Nitrate	17.60	

Results reported as Parts per Million unless stated

Langelier Saturation Index +1.31

Analysis by Rolland Perry  
Date: 10-13-94