

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

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

5. Lease Designation and Serial No.  
NM-77058

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cercion Federal #4

9. API Well No.

30-025-31726

10. Field and Pool, or Exploratory Area

Livingston Ridge Delaware East

11. County or Parish, State

Lea, NM

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Strata Production Company

3. Address and Telephone No.

P.O. Box 1030, Roswell, NM 88202-1030 (505) 622-1127

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

1650' FNL and 1980' FWL  
Section 22-22S-32E

**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 NTL - 2B Approval  
☐ 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.)\*

In response to our telephone conversation May 24, 1994 regarding the NTL-2B approval, the following is submitted for review and approval:

- a) Produces from the Delaware formation.
- b) Produces approximately 22 barrels water per day.
- c) Water analysis is attached.
- d) Water is not stored on location.
- e) Produced water is moved via 3" poly pipe to the Gilmore Federal #1 SWD.
- f) The Gilmore Federal #1 SWD is operated by Strata Production Company and is located 1980' FSL & 660' FEL, NE/4SE/4 of Section 21, Township 22 South, Range 32 East, Lea County, New Mexico.
- (g) SWD-470.

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

Signed Carol J. Garcia

Title Production Records Manager

Date 5/31/94

(This space for Federal Land Management Bureau use)  
**(CORR. SCD.) JOE G. LARA**

Approved by See attached  
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date 7/1/94

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

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COMMUNICATIONS

SECTION

# HALLIBURTON DIVISION LABORATORY

## HALLIBURTON SERVICES

### ARTESIA DISTRICT

#### LABORATORY REPORT

No. W87 & W88-93

TO Strata Production

Date February 23, 1993

648 Petroleum Building

Roswell, NM 88201

This report is the property of Halliburton Services and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Services.

Submitted by \_\_\_\_\_ Date Rec. February 22, 1993

Well No. \_\_\_\_\_ Depth \_\_\_\_\_ Formation \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ Source \_\_\_\_\_

Lechuza #4

Cercion #4

Resistivity ..... 0.053 @ 70°

0.054 @ 70°

Specific Gravity .. 1.1621 @ 70°

1.1560 @ 70°

pH ..... 7.0

6.5

Calcium ..... 14,713

14,713

Magnesium ..... 2,021

2,947

Chlorides ..... 148,000

142,000

Sulfates ..... 600

500

Bicarbonates ..... 488

274

Soluble Iron ..... 250

300

KCL ..... 1%

2%

Depth ..... 7128' to 7132'

Remarks:

Eric Jacobson  
Respectfully submitted

FEB 25 1993

Analyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

#### NOTICE:

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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, 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.

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OFFICE