

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1625 N. French Drive  
Hobbs, NM 88240FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NMNM12413

6. If Indian, Allottee or Tribe Name

## 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

Ralph C. Bruton

## 3. Address and Telephone No.

3500 Acoma, Hobbs, NM 88240

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

SE/4, SE/4, 25-19S-32E, Lea Co., NM

7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Andaway 25 Fed. 1

## 9. API Well No.

30-025-31327

## 10. Field and Pool, or Exploratory Area

Geronimo Delaware

## 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

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

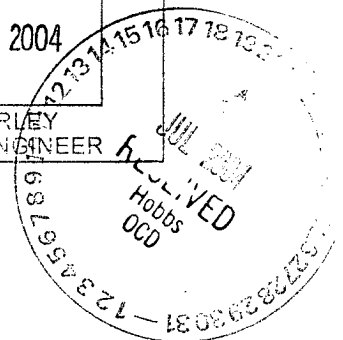
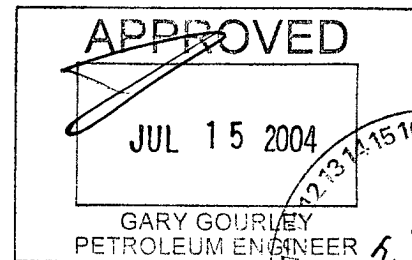
## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☐
- Other \_\_\_\_\_
- 
- ☐
- 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

Title

Operator

Date

7/01/04

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

GWN

NM 12413

Andaway  
W Lonto

The following information is needed before your disposal of produced water can be approved, per Onshore Oil & Gas Order #7.

( You may attach this information to your Sundry Notice (3160-5). Submit all required information as per this attachment, submit a Sundry Notice(3160-5), one original and five copies to this office within the required time. )

1. Name(s) of all formation(s) producing water on the lease. Delaware
2. Amount of water produced from all formations in barrels per day. 17.5
3. A CURRENT water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.
4. How water is stored on the lease. 400 B FG Enclosed Tank
5. How water is moved to the disposal facility. Pump on location sends water to  
Mack Energy Disposal System
6. Identify the Disposal Facility by:
  - A. Operators' Name Mack Chase Corporation (Formerly Pronghorn)
  - B. Well Name Pipeline
  - C. Well type and well number \_\_\_\_\_
  - D. Location by quarter/quarter, section, township, and range \_\_\_\_\_
7. A copy of the Underground Injection Control Permit - issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy.

# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
Odessa, Texas 79765-8538  
561-5579

Company: **Nalco Energy Services**

Well Number: Andaway #1  
Lease: Intrepid Operating  
Location:  
Date Run: 6/22/2004  
Lab Ref #: 04-jun-n21851

Sample Temp: 70  
Date Sampled: 6/17/2004  
Sampled by: Mike Athey  
Employee #: 27-008  
Analyzed by: DOM

## Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide (H <sub>2</sub> S)		.00	16.00	.00
Carbon Dioxide (CO <sub>2</sub> )	NOT ANALYZED			
Dissolved Oxygen (O <sub>2</sub> )	NOT ANALYZED			

## Cations

Calcium (Ca <sup>++</sup> )	24,924.00	20.10	1,240.00
Magnesium (Mg <sup>++</sup> )	4,880.00	12.20	400.00
Sodium (Na <sup>+</sup> )	53,137.09	23.00	2,310.31
Barium (Ba <sup>++</sup> )	NOT ANALYZED		
Manganese (Mn <sup>+</sup> )	4.73	27.50	.17

## Anions

Hydroxyl (OH <sup>-</sup> )	.00	17.00	.00
Carbonate (CO <sub>3</sub> <sup>=</sup> )	.00	30.00	.00
BiCarbonate (HCO <sub>3</sub> <sup>-</sup> )	.00	61.10	.00
Sulfate (SO <sub>4</sub> <sup>=</sup> )	375.00	48.80	7.68
Chloride (Cl <sup>-</sup> )	140,154.00	35.50	3,948.00
Total Iron (Fe)	96.8	18.60	5.20
Total Dissolved Solids	223,571.62		
Total Hardness as CaCO <sub>3</sub>	82,318.00		
Conductivity MICROMHOS/CM	450,000		

pH 4.630 Specific Gravity 60/60 F. 1.155

CaSO<sub>4</sub> Solubility @ 80 F. 7.67 MEq/L, CaSO<sub>4</sub> scale is likely

## CaCO<sub>3</sub> Scale Index

70.0	-5.023	100.0	-4.273	130.0	-3.273
80.0	-4.873	110.0	-3.653	140.0	-3.273
90.0	-4.273	120.0	-3.653	150.0	-3.273

*Nalco Energy Services*