New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

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

5. Lease Designation and Serial No.: NMNM12413

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Andaway 25 Fed. 1

2. Name of Operator: Ralph C. Bruton

9. API Well No.: 30-025-31327

3. Address and Telephone No.: 3500 Acoma, Hobbs, NM 88240

10. Field and Pool, or Exploratory Area: Geronimo Delaware

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SE/4, SE/4, 25-19S-32E, Lea Co., NM

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	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[✓] 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

APPROVED
JUL 15 2004
GARY GOURLEY
PETROLEUM ENGINEER

RECEIVED
JUL 2004
Hobbs
OCD

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

Signed Ralph C Bruton 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

GWW

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	Sample Temp:	70
Lease:	Intrepid Operating	Date Sampled:	6/17/2004
Location:		Sampled by:	Mike Athey
Date Run:	6/22/2004	Employee #:	27-008
Lab Ref #:	04-jun-n21851	Analyzed by:	DOM

Dissolved Gases

			Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H2S)		.00	16.00	.00
Carbon Dioxide	(CO2)	**NOT ANALYZED**			
Dissolved Oxygen	(O2)	**NOT ANALYZED**			

Cations

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

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO3=)	.00	30.00	.00
BiCarbonate	(HCO3-)	.00	61.10	.00
Sulfate	(SO4=)	375.00	48.80	7.68
Chloride	(Cl-)	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 CaCO3		82,318.00		
Conductivity MICROMHOS/CM		450,000		

pH 4.630 Specific Gravity 60/60 F. 1.155

CaSO4 Solubility @ 80 F. 7.67 MEq/L, CaSo4 scale is likely

CaCO3 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