

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
NMNM 055658

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Peterson Fed. #1

9. API Well No.

30-025-23061

10. Field and Pool, or Exploratory Area

Brunson Drk Abo, South

11. County or Parish, State

Lea County, NM

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)

W/2 NW/4 Unit D 4-23S-38E, Lea Co., 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 August 30, 2004

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) DAVID R. GLASS

Title

Date

SEP 23 2004

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

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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. ABO
2. Amount of water produced from all formations in barrels per day. 1-2 BPD
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. NA
5. How water is moved to the disposal facility. Rice Operating - Justis System
6. Identify the Disposal Facility by:
 - A. Operators' Name Rice Operating
 - B. Well Name Justis B-12
 - C. Well type and well number _____
 - D. Location by quarter/quarter, section, township, and range Unit B 12-25S-37E
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: Peterson Fed 1	Sample Temp: 70
Lease: Intrepid Operating	Date Sampled: 7/15/2004
Location:	Sampled by: Mike Athey
Date Run: 7/19/2004	Employee #: 27-008
Lab Ref #: 04-jul-n22077	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++)		6,271.20	20.10	312.00
Magnesium (Mg++)		2,147.20	12.20	176.00
Sodium (Na+)		44,174.26	23.00	1,920.62
Barium (Ba++)	NOT ANALYZED			
Manganese (Mn+)		.30	27.50	.01

Anions

Hydroxyl (OH-)		.00	17.00	.00
Carbonate (CO3=)		.00	30.00	.00
BiCarbonate (HCO3-)		183.30	61.10	3.00
Sulfate (SO4=)		1,800.00	48.80	36.89
Chloride (Cl-)		84,092.40	35.50	2,368.80
Total Iron (Fe)		1.01	18.60	.05
Total Dissolved Solids		138,669.67		
Total Hardness as CaCO3		24,481.52		
Conductivity MICROMHOS/CM		260,000		

pH	7.500	Specific Gravity 60/60 F.	1.096
----	-------	---------------------------	-------

CaSO4 Solubility @ 80 F.	38.86	MEq/L,	CaSO4 scale is unlikely
--------------------------	-------	--------	-------------------------

CaCO3 Scale Index

70.0	1.053	100.0	1.373	130.0	1.933
80.0	1.143	110.0	1.633	140.0	1.933
90.0	1.373	120.0	1.633	150.0	2.273

Nalco Energy Services