

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 18 2012

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

14-20-603-1285

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No

Carson Unit 18-24

9. API Well No.

30-045-05343

10. Field and Pool, or Exploratory Area

Lower Bisti Gallup

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. ☐ Oil Well ☐ Gas Well ☒ Other Water Injection

2. Name of Operator

Elm Ridge Exploration Company, LLC

3a. Address

PO Box 156 Bloomfield, NM 87413

3b. Phone No. (include area code)

505-632-3476 ext. 201

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

660' FSL X 1930' FWL

Sec. 18-T25N-R11W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recombine <input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In 1990 when Giant Exploration and Production owned this well the following work was done to fix a casing leak.

**10-16-90:** Rig up San Juan Casing and TIH w/ 158 ints of 3 1/2" 8.81# N-80 flush joint casing.

Casing was set @ 4301'. Pumped 177 CU/FT of Class B cement. Displaced 36.5 BW.

**10-17-90:** Pressure tested casing to 1000 PSI. Test was good. Rigged up cementers and pressured

3 1/2" casing to 800 PSI. Pumped 200 sks of class B cement. TIH with 2 3/4" blade bit and 2 1/16" tbg.

Tagged up cement @ 4068'.

**10-19-90:** Set 2 1/16" x 3 1/2" SL Shear packer, SN and 129 jnts of 2 1/16" tubing. Tested packer to 1000 PSI.

Test was good.

**10-20-90:** Resume injection operations.

Accepted for Record

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

Name (Printed/Typed)

Amy Mackey

Title

Administrative Manager

Signature

Date

June 15, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

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.

(Instructions on reverse)

RCVD JUN 20 '12  
OIL CONS. DIV.  
DIST. 3

ACCEPTED FOR RECORD

JUN 19 2012

FARMINGTON FIELD OFFICE

NMOCD Ar

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

JUN 12 2012

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals and management.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Water Injection		5. Lease Serial No 14-20-603-1285
2 Name of Operator Elm Ridge Exploration Company, LLC		6. If Indian, Allottee or Tribe Name N/A
3a Address PO Box 156 Bloomfield, NM 87413	3b Phone No (include area code) 505-632-3476 ext. 201	7. If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL X 1930' FWL Sec. 18-T25N-R11W		8. Well Name and No Carson Unit 18-24
		9. API Well No 30-045-05343
		10. Field and Pool, or Exploratory Area Lower Bisti Gallup
		11. County or Parish, State San Juan County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

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Elm Ridge Exploration Co., LLC requests permission to plug and abandon the following well according to the attached procedure.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD JUN 20 '12  
OIL CONS. DIV.  
DIST. 3

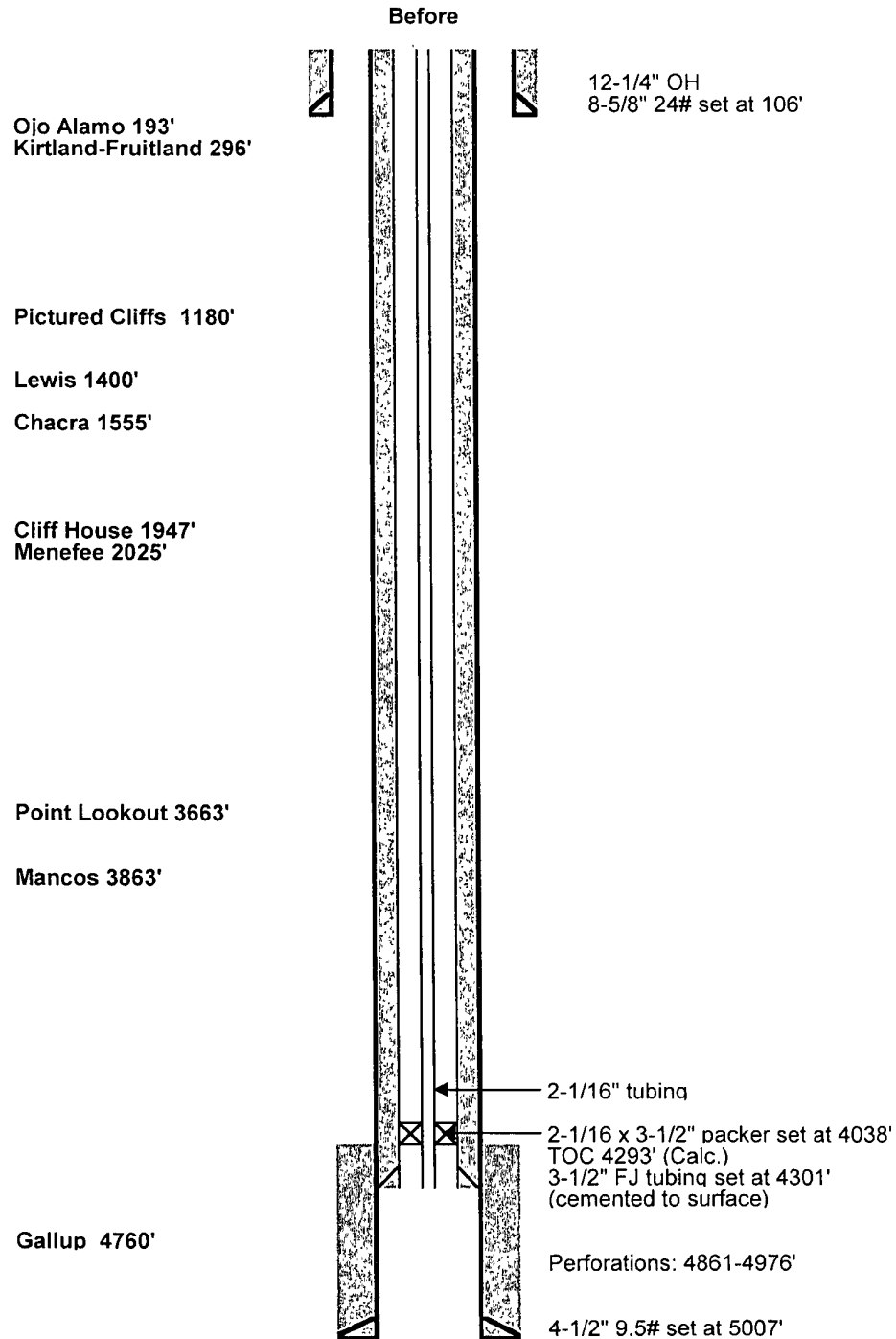
\* Add Mancos Plug From 3813' - 3913'

14. I hereby certify that the foregoing is true and correct		
Name (Printed/Typed) Amy Mackey	Title Administrative Manager	
Signature	Date June 11, 2012	
THIS SPACE FOR FEDERAL OR STATE USE		
Approved by Original Signed: Stephen Mason	Title	Date JUN 19 2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon	Office	
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		

(Instructions on reverse)

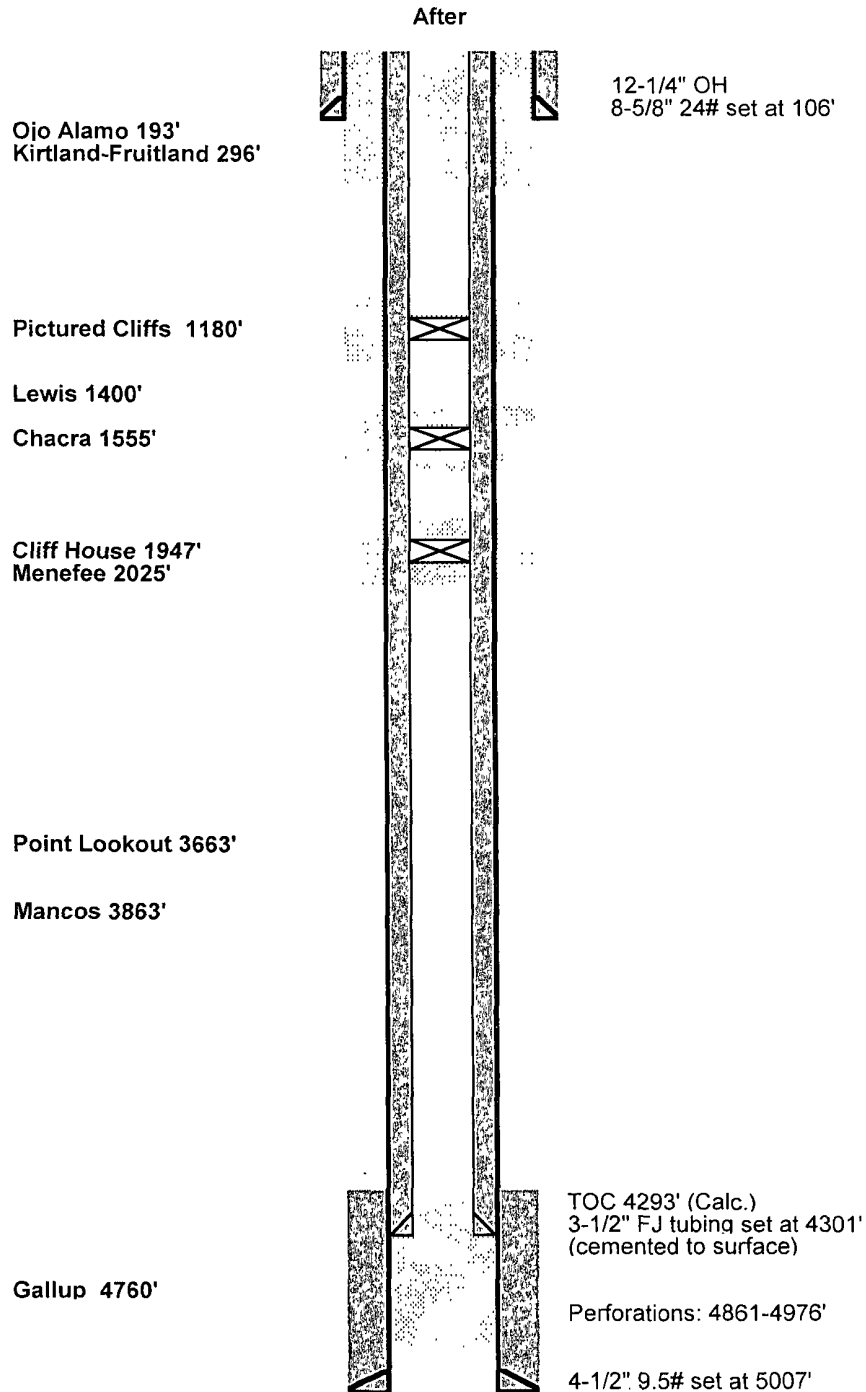
NMOCD

Wellbore Diagram  
Carson Unit 18-24  
SW/4 Sec. 18, T25N, R11W  
San Juan County Co., NM  
API #30-045-05343



Carson Unit 18-24 (3.5 in Liner in 4.5)  
6/8/2012

Wellbore Diagram  
Carson Unit 18-24  
SW/4 Sec. 18, T25N, R11W  
San Juan County Co., NM  
API #30-045-05343



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 18-24 Carson Unit

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Fruitland plug from 960' – 860' inside the 3 ½" and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.