

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

**RECEIVED**  
MAY 20 2016

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.*

Fairington Field Office  
Bureau of Land Management

5. Lease Serial No.  
SF 078056

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
North Bisti Coal 31-1

9. API Well No.  
30-045-28482

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

11. County or Parish, State  
San Juan County, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1.  Oil Well  Gas Well  Other

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)  
880' FSL X 880' FWL  
"M" Sec.31-T26N-R12W

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"/> Subsequent Report           | <input type="checkbox"/> Deepen                      |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Fracture Treat              |
|  | <input type="checkbox"/> New Construction            |
|  | <input checked="" type="checkbox"/> Plug and Abandon |
|  | <input type="checkbox"/> Plug Back                   |
|  | <input type="checkbox"/> Production (Start/Resume)   |
|  | <input type="checkbox"/> Reclamation                 |
|  | <input type="checkbox"/> Recomplete                  |
|  | <input type="checkbox"/> Temporarily Abandon         |
|  | <input type="checkbox"/> Water Disposal              |
|  | <input type="checkbox"/> Water Shut-Off              |
|  | <input type="checkbox"/> Well Integrity              |
|  | <input type="checkbox"/> Other                       |

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 recomplate 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 recomplate 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.)

Elm Ridge Exploration Co., LLC requests permission to plug and abandon the following well according to the attached procedure. We will be using a closed loop system while plugging this well.

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

JUN 30 2016

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS**

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

Name (Printed/Typed) Amy Archuleta Title Sr. Regulatory Supervisor

Signature Date May 19, 2016

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by [Signature] Title PE Date 6/27/16

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 FFO

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**

6 R

### **Plugging Program for North Bisti Coal 31-1**

- 1) MOL RU.
- 2) With EOT at 1228', mix and pump 95 sx. or sufficient volume to bring cement to surface inside 4-1/2" casing.
- 3) Cut off well head 4 feet below surface and remediate location in accordance with regulatory agencies' conditions of approval.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** North Bisti Coal 31-1  
**Footage:** 800' FSL and 800' FWL  
**Location:** SWSW Section 31, T26N, R12W  
**County:** San Juan County, NM  
**API#:** 30-045-28482

**Field:** Basin Fruitland Coal

**Elevation:** 6115' KB TD:1300' KB  
PBTD: 1217' KB

**Completed:** 03/21/1991

### Casing Record:

| Hole Size | Casing Size | Wt.  | Grade | Depth Set | Cement                         |
|-----------|-------------|------|-------|-----------|--------------------------------|
| 8-3/4"    | 7"          | 20#  | J-55  | 132'      | 70 cu. ft. (Circ. to surface)  |
| 6-1/4"    | 4-1/2"      | 9.5# | J-55  | 1297'     | 232 cu. ft. (Circ. to surface) |

**Tubing:** 1-1/2" set at 1115'

### Formation Tops:

Ojo Alamo Surface  
Fruitland 1005'  
Pictured Cliffs 1178'

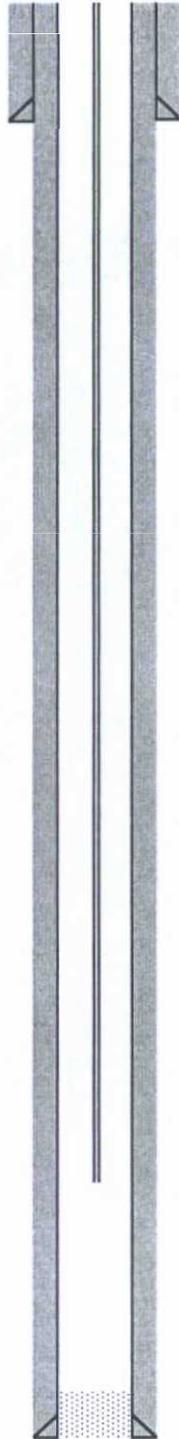
### Perforations:

Fruitland perforations: 1130-1150'

Wellbore Diagram  
North Bisti Coal 31-1  
SWSW Sec. 31, T26N, R12W  
San Juan County, NM  
API #30-045-28482

Before

Ojo Alamo - surface



8-3/4" OH  
7" 20# J-55 set @ 132'  
Circulated cmt to surface

Fruitland - 1005'

1-1/2" tubing set at 1115'  
Fruitland Perforations: 1130-1150'

Pictured Cliffs - 1178'

6-1/4" OH  
4-1/2" 9.5# J-55 set @ 1297'  
Circulated cmt to surface  
TD: 1300'

Wellbore Diagram  
North Bisti Coal 31-1  
SWSW Sec. 31, T26N, R12W  
San Juan County, NM  
API #30-045-28482

After

Ojo Alamo - surface



8-3/4" OH  
7" 20# J-55 set @ 132'  
Circulated cmt to surface

Fruitland - 1005'

Fruitland Perforations: 1130-1150'

Pictured Cliffs - 1178'

6-1/4" OH  
4-1/2" 9.5# J-55 set @ 1297'  
Circulated cmt to surface  
TD: 1300'

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: North Bisti Coal 31 #1

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.

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.