

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

AUG 29 2014

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.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

| | | |
|---|--|---|
| 1. <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NM 25447 |
| 2. Name of Operator Elm Ridge Exploration Company, LLC | | 6. If Indian, Allottee or Tribe Name |
| 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) 1850' FNL X 790' FEL "H" Sec. 19-T25N-R12W | | 8. Well Name and No. Bisti Coal 19-1 |
| | | 9. API Well No. 30-045-28142 |
| | | 10. Field and Pool, or Exploratory Area Basin Fruitland Coal |
| | | 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 | |

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 recompletion 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.

REC'D SEP 5 '14
OIL CONS. DIV.

DIST. 3

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**Notify NMOCD 24 hrs
prior to beginning
operations**

**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 August 25, 2014 |

THIS SPACE FOR FEDERAL OR STATE USE

| | | |
|---|-------------------------|------------------|
| Approved by Troy Salvess | Title Petroleum Eng. | Date 9/3/2014 |
| 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 FV

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Bisti Coal 19-1
Footage: 1850' FNL and 790' FEL
Location: SENE Section 19, T25N, R12W
County: San Juan County, NM
API#: 30-045-28142

Field: Basin Fruitland Coal

Elevation: 6438' KB **TD:** 1400' KB
PBTD: 1348' KB

Completed: 09/24/1991

Casing Record:

| Hole Size | Casing Size | Wt. | Grade | Depth Set | Cement |
|-----------|-------------|------|-------|-----------|----------------------------------|
| 8-3/4" | 7" | 20# | J-55 | 136' | 70.8 cu. ft. (Circ. to surface) |
| 6-1/4" | 4-1/2" | 9.5# | J-55 | 1388' | 248.9 cu. ft. (Circ. to surface) |

Tubing: 1-1/2" tubing set at 1245'

Formation Tops:

Nacimiento Surface
Fruitland 1056'
Pictured Cliffs 1305'

Perforations:

Fruitland perforations: 1250'-1268'

Notes:

Wellbore Diagram
Bisti Coal 19-1
SENE Sec. 19, T25N, R12W
San Juan County, NM
API #30-045-28142

Before

Nacimiento - surface

8-3/4" OH
7" 20# J-55 set @ 136'
Circulated cmt to surface

Fruitland -1056'

1-1/2" tbq set at 1245'

Fruitland perforations: 1250'-1268'

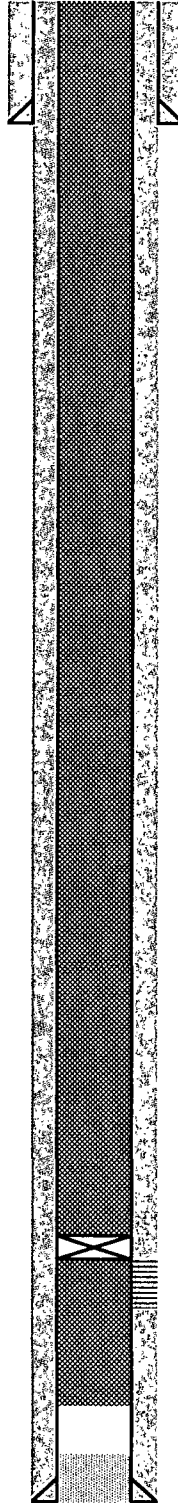
Pictured Cliffs - 1305'

6-1/4" OH
4-1/2" 9.5# set @ 1388'
Circulated cmt to surface
TD: 1400'

Wellbore Diagram
Bisti Coal 19-1
SENE Sec. 19, T25N, R12W
San Juan County, NM
API #30-045-28142

After

Nacimiento - surface



8-3/4" OH
7" 20# J-55 set @ 136'
Circulated cmt to surface

Fruitland -1056'

1-1/2" tbq set at 1245'

Fruitland perforations: 1250'-1268'

Pictured Cliffs - 1305'

6-1/4" OH
4-1/2" 9.5# set @ 1388'
Circulated cmt to surface
TD: 1400'

Plugging Program for Bisti Coal 19-1

- 1) MOL RU. TOOH with 1-1/2" tubing.
- 2) PU and TIH with 4-1/2" retainer to 1243'. Squeeze below retainer with 13 sx cmt.
- 3) Sting out, mix and pump 98 sx, or sufficient volume, to bring cement to surface inside 4-1/2" casing.
- 4) Cut off well head 4 feet below surface and remediate location in accordance with regulatory agencies' conditions of approval.

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: Bisti Coal 19 #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.