

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.  
NOG-0209-1623

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

A. P. Hixon #1 A Com

9. API Well No.

30-045-25678

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup, Basin Dakota

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Co., LLC

3a. Address

PO Box 156, Bloomfield, NM 87413

3b. Phone No. (include area code)

505-632-3476

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

1850 FNL X 880 FWL

SEC.21-T25N-R11W (SW/NW, Unit E)

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ 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 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.)

This well is incapable of production. Elm Ridge Exploration requests approval to plug and abandon this well according to the attached procedure.

Certified Return Receipt#

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

Name (Printed/typed)

Amy Mackey

Title

Production Technician

Signature

Date

December 14, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

DEC 20 2006

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

## Plugging Program for A. P. Hixon #1:

Plug 1: Set retainer at 5859'. Squeeze below retainer with 8 sacks. Spot ~~8~~ sacks on top of retainer to cover across perforations and top of Dakota. *5859' - 5739'*

Plug 2: Set retainer at 4870'. Squeeze below retainer with 21 sacks. Spot 6 sacks on top of retainer to cover across perforations and top of Gallup.

Plug 3: Spot ~~17~~ sack balanced plug from 2099-1999' to cover 100' across Cliff House top. *inside & outside 5 1/2" casing*

Plug 4: Spot 17 sack balanced plug from 1718-1618' to cover 100' across Chacra top. ~~Chacra~~

Plug 5: Spot 17 sack balanced plug from 1368-1268' to cover 100' across Pictured Cliffs.

Plug 6: Perf 4 holes at 1061'. Squeeze below retainer with 35 sacks. Spot 6 sacks on top of retainer to cover Fruitland, inside and outside casing.

Plug 7: Perf 4 squeeze holes at <sup>*542'*</sup>~~487'~~. Tie on to 5-1/2" casing. Establish rate through perforations. Pump 150 sacks down 5-1/2" casing, or sufficient volume to circulate cement to surface inside and outside 5-1/2" casing.

# Elm Ridge Exploration Co., llc

## Pertinent Data Sheet

**Well Name:** A.P. Hixon #1  
**Footage:** 1850' FNL and 880' FWL  
**Location:** Section 21, T25N, R11W  
**County:** San Juan County, NM  
**API#:** 30-045-25678

**Field:** Bisti Lower Gallup, Basin Dakota      **Elevation:** 6517' KB      **TD:** 6026' KB  
**PBTD:** 5993' KB

**Completed:** 6/3/83

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	K-55	437'	324 ft <sup>3</sup>
7-7/8"	5-1/2"	15.5#	K-55	6026'	1617 ft <sup>3</sup> TOC Surface (Calc.) <sup>(1)</sup>

<sup>(1)</sup>Did not circulate cement to surface on long string. Perfed squeeze holes at 1700'.  
Squeezed annulus with 148 ft<sup>3</sup>. TOC 1102' (Calc.)

**Tubing Record:** 1 joint 2-3/8" tbg, PS, SN, 154x2-3/8" jts landed at 4976'

**Rod Record:** Unknown

### Formation Tops:

Naciminto	Surface
Ojo Alamo	Not Logged (Behind surface pipe)
Kirtland	Not Logged (Behind surface pipe)
Fruitland	1011'
Pictured Cliffs	1318'
Lewis	1520'
Chacra	1668'
Cliff House	2049'
Menefee	2800'
Pt. Lookout	3809'
Mancos	3981'
Gallup	4870'
Greenhorn	5706'
Graneros	5787'
Dakota	5859'

**Perforations:** Gallup: 4976-4992'  
Dakota: 5880-5894'

Wellbore Diagram  
A.P. Hixon #1  
NW/4 Sec. 21, T25N, R11W  
Rio Arriba County, NM  
API #30-045-25678

Before

Ojo Alamo Not Logged  
Kirtland Not Logged

8-5/8" 24# set @ 437'. Circ. cmt to surface.  
12-1/4" OH

Fruitland 1011'

TOC @ 1102' (Calc.)

Pictured Cliffs 1318'

Lewis 1520'

Chacra 1668'

Cliff House 2049'

Menefee 2800'

Point Lookout 3809'

Mancos 3981'

Gallup 4870'

Perfs: 4976-4992'  
2-3/8" tbq landed @ 4976'

Greenhorn 5706'  
Graneros 5787'  
Dakota 5859'

Perfs: 5880-5894'  
PBTD: 5993'  
5-1/2" 15.5# set @ 6026'

A.P. Hixon #1  
12/14/2006

Wellbore Diagram  
A.P. Hixon #1  
NW/4 Sec. 21, T25N, R11W  
Rio Arriba County, NM  
API #30-045-25678

After

Ojo Alamo Not Logged  
Kirtland Not Logged



8-5/8" 24# set @ 437'. Circ. cmt to surface.  
12-1/4" OH

Plug 7: Perf 4 holes @ 487'. Tie onto 5-1/2" csq and pump 150 sx, or sufficient volume to bring cement to surface, inside and outside 5-1/2" csq.

Fruitland 1011'

Plug 6: Perf 4 holes at 1061'. Set retainer @ 1011'. Sqz 35 sx below retainer. Spot 6 sx on top of retainer.

TOC @ 1102' (Calc.)

Pictured Cliffs 1318'

Plug 5: Set 17 sx balanced plug from 1368-1268'

Lewis 1520'

Chacra 1668'

Plug 4: Set 17 sx balanced plug from 1718-1618'

Cliff House 2049'

Plug 3: Set 17 sx balanced plug from 2099-1999'

Menefee 2800'

Point Lookout 3809'

Mancos 3981'

Gallup 4870'

Plug 2: Set retainer @ 4870'. Sqz 21 sx below retainer. Spot 6 sx on top of retainer. Perfs: 4976-4992'

Greenhorn 5706'  
Graneros 5787'  
Dakota 5859'

Plug 1: Set retainer @ 5859'. Sqz 8 sx below retainer. Spot 6 sx on top of retainer. Perfs: 5880-5894' PBTD: 5993' 5-1/2" 15.5# set @ 6026'

A.P. Hixon #1  
12/14/2006