

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996SUNDRY NOTICES AND REPORTS ON WELLS  
APR 21 2008

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

Bureau of Land Management  
Field Office

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1.

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Co. LLC

3a. Address

P.O. Box 156, Bloomfield, NM 87413

3b. Phone No. (include area code)

(505) 632-3476 ext. 203

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

1980' FSL X 660' FEL Sec.21-T24N-R7W NE/SE

5. Lease Serial No.

NMSF 078924

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Connie 21 #1

9. API Well No.

30-039-05385

10. Field and Pool, or Exploratory Area

Escrito Gallup

11. County or Parish, State

Rio Arriba County, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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 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.)

Elm Ridge Exploration Co., LLC is unable to return this well to production. Approval is requested to plug and abandon this well according to the attached procedure.

RCVD APR 24 '08

OIL CONS. DIV.

DIST. 3

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

Name (Printed/Typed)

Amy Mackey

Title

Production Assistant

Signature

Date

April 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

APR 23 2008

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)

NMOCB

## **Plugging Program for Connie 21 #1**

Plug 1: MOL & RU. NU BOP. TOOH with 2-3/8" tubing. PU bit and scraper and TIH to 5330'. TOOH. TIH with 5-1/2" retainer and set at 5318'. Squeeze 22 sx below retainer and spot 12 sx above retainer to cover 50' across perfs and top of Gallup. PU and reverse circulate with 2 tubing volumes of water. TOOH.

2971'

Plug 2: TIH with bit and scraper to ~~3750'~~ 3665'. TOOH. Perf 4 holes @ ~~3715'~~ 3665'. Set 5-1/2" retainer at 3665'. Squeeze 36 sx below retainer and spot 12 sx on top of retainer to cover top of Mesaverde, inside and outside casing. PU and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 3: TIH with bit and scraper to 2650'. TOOH. Perf 4 holes @ 2600'. Set 5-1/2" retainer at 2550'. Squeeze 36 sx below retainer and spot 12 sx on top of retainer to cover top of Chacra, inside and outside casing. PU and reverse circulate with 2 tubing volumes of water. TOOH. Note: This plug is not required by the BLM. It is only required by the NMOCD.

Plug 4: TIH with bit and scraper to 2200'. TOOH. Perf 4 holes @ 2151'. Set 5-1/2" retainer at 2101'. Squeeze 224 sx below retainer and spot 86 sx on top of retainer to cover tops of Pictured Cliffs, Fruitland Coal, and Ojo Alamo inside and outside casing. PU and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 5: TIH with bit and scraper to 348'. TOOH. Perf 4 holes at 348'. Tie on to 5-1/2" casing and mix and pump 130 sx or sufficient volume to bring cement to surface, inside and outside 5-1/2" casing.

NOTE: All cement volumes include excess.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Connie 21 #1  
**Footage:** 1980' FSL and 660' FEL  
**Location:** Section 21, T24N, R7W  
**County:** Rio Arriba County, NM  
**API#:** 30-039-05385

**Field:** Escrito Gallup

**Elevation:** 6860' KB

**TD:** 5734' KB  
**PBTD:** 5732' KB

**Completed:** 7/4/1959

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
11"	8-5/8"	24#	J-55	206'	100 ft <sup>3</sup> (TOC: Surface)
7-7/8"	5-1/2"	14#	J-55	5732'	177 ft <sup>3</sup> (TOC: 5017')

**Tubing Record:** MA, SN, 18 jts 2-3/8" tbg, TA, 170 jts. 2-3/8" tubing.

**Rod Record:** 2x1¼ x8x9x13 pump, 2 singles, 150 5/8" rods, 96 ¾" rods, 4' sub, 2' sub.

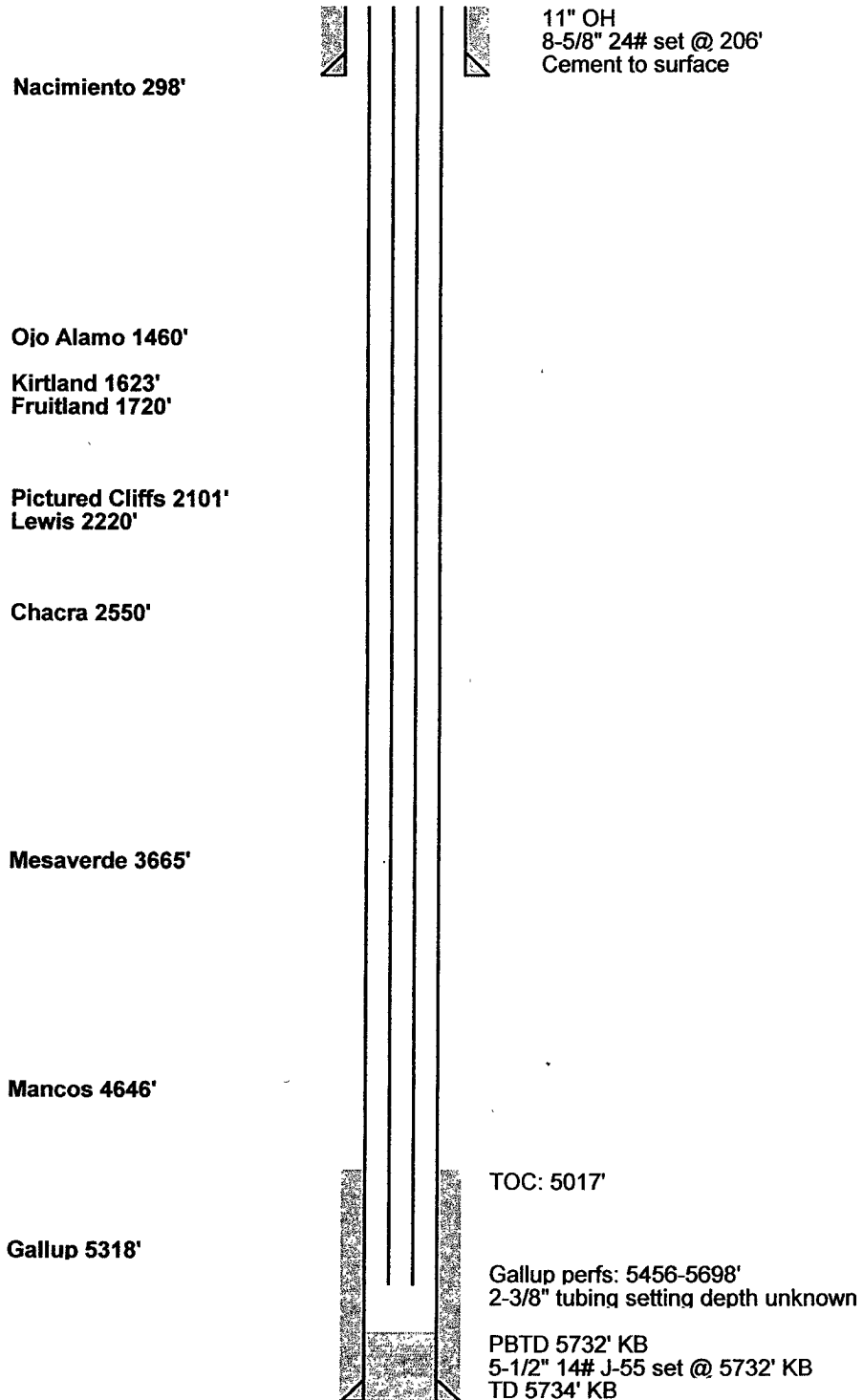
### Formation Tops:

San Jose Surface  
Nacimiento 298'  
Ojo Alamo 1460'  
Kirtland 1623'  
Fruitland 1720'  
Pictured Cliffs 2101'  
Lewis 2220'  
Chacra 2550'  
Mesaverde 3665'  
Mancos 4646'  
Gallup 5318'

**Perforations:** Gallup: 5456-5698'

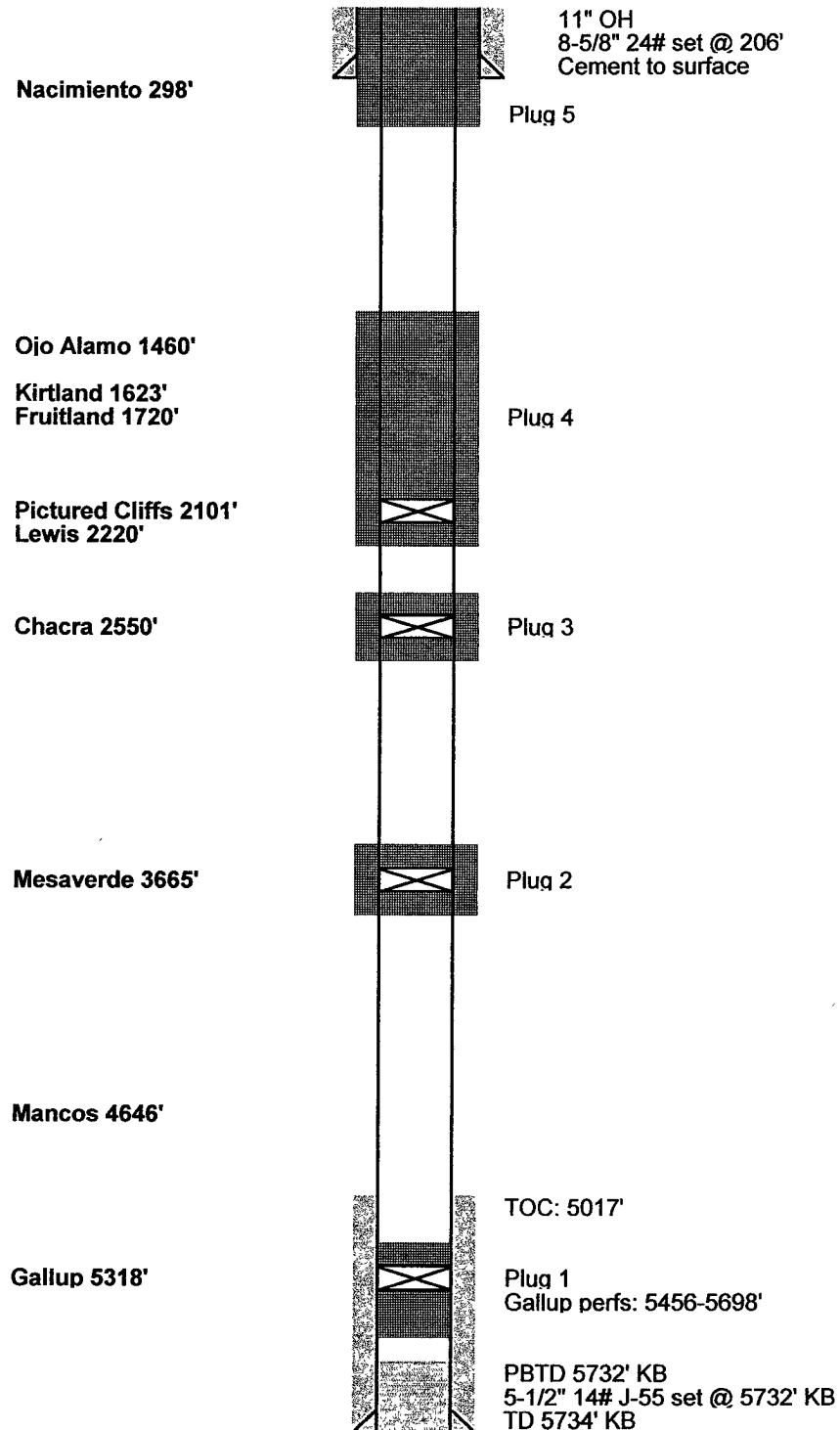
Wellbore Diagram  
Connie 21 #1  
SE/4 Sec. 21, T24N, R7W  
Rio Arriba Co., NM  
API #30-039-05385

Before



Wellbore Diagram  
Connie 21 #1  
SE/4 Sec. 21, T24N, R7W  
Rio Arriba Co., NM  
API #30-039-05385

After



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Connie 21

**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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Mesaverde plug from 2971' – 2871' inside and outside the 5 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.