

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.

Contract 363

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Burro Canyon #2

9. API Well No.

30-039-21168

10. Field and Pool, or Exploratory Area

So. Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba County, NM

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

Farmington Field Office  
Bureau of Land Management

3b. Phone No. (include area code)

505-632-3476

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

1450' FNL X 1130' FEL

H-Sec. 21-T24N-R4W

DEC 02 2010

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 recomple 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. recently attempted to return this well to production. During workover operations, we were unable to clean out below 2797', which is above the top perforation. We request permission to plug and abandon this well according to the attached procedure.

RCVD DEC 8 '10  
OIL CONS. DIV.  
DIST. 3

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

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

Name (Printed/Typed)

Amy Mackey

Title

Administrative Manager

Signature

Date

November 22, 2010

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

DEC 06 2010

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 Burro Canyon #2:**

Plug 1: With end of 2-3/8" tubing near 2315', pump 41 sx inside 4-1/2" casing to cover tops of Pictured Cliffs, Fruitland, and Ojo Alamo. Pull up and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 2: PU 4-1/2" casing scraper on 2-3/8" tubing, and TIH to 1200'. TOOH. RU wireline and RIH to 1160'. Perf 4 holes @ 1160'. POOH with wireline. PU and TIH with 4-1/2" cement retainer and set at 1110'. Squeeze 43 sx below retainer and spot 4 sx plug on top of retainer to cover top of Nacimiento. PU and reverse circulate with 2 tubing volumes of water. TOOH and LD 2-3/8" tubing.

Plug 3: RIH with wireline and perf 4 holes @ 180'. Tie onto 4-1/2" casing and pump 72 sx, or sufficient volume to bring cement top surface inside and outside 4-1/2" casing.

Reclaim location in accordance with Conditions of Approval.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Burro Canyon #2

**Footage:** 1450' FNL and 1130' FEL

**Location:** Section 21, T24N, R4W

**County:** Rio Arriba County, NM

**API#:** 30-039-21168

**Field:** So. Blanco Pictured Cliffs

**Elevation:** 6865' KB

**TD:** 3787' KB

**COTD:** 2797' KB\*

**Completed:** 1/24/1976

### **Casing Record:**

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
10-3/4"	8-5/8"	24#	N/A	130'	120 sacks (Circ. to Surface)
7-7/8"	4-1/2"	10.5#	N/A	2995'	220 sacks TOC 2140' (calc.)

Note: Unable to clean out below 2797'. Perforations are covered completely.

**Tubing:** 2-3/8" tubing set at 2764'

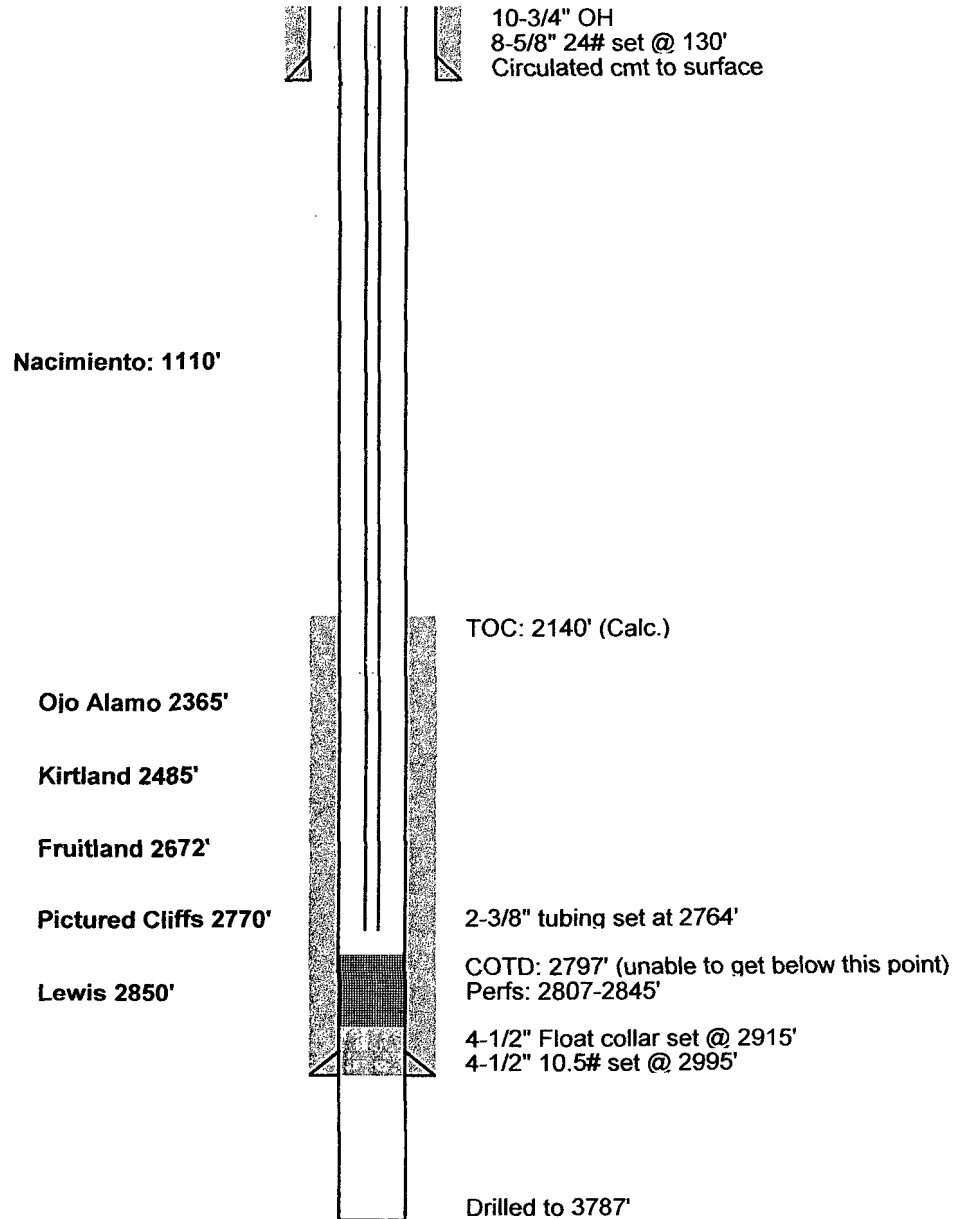
### **Formation Tops:**

Nacimiento	1110'
Ojo Alamo	2365'
Kirtland	2485'
Fruitland	2672'
Pictured Cliffs	2770'
Lewis	2850'

**Perforations:** Pictured Cliffs: 2807-2845'

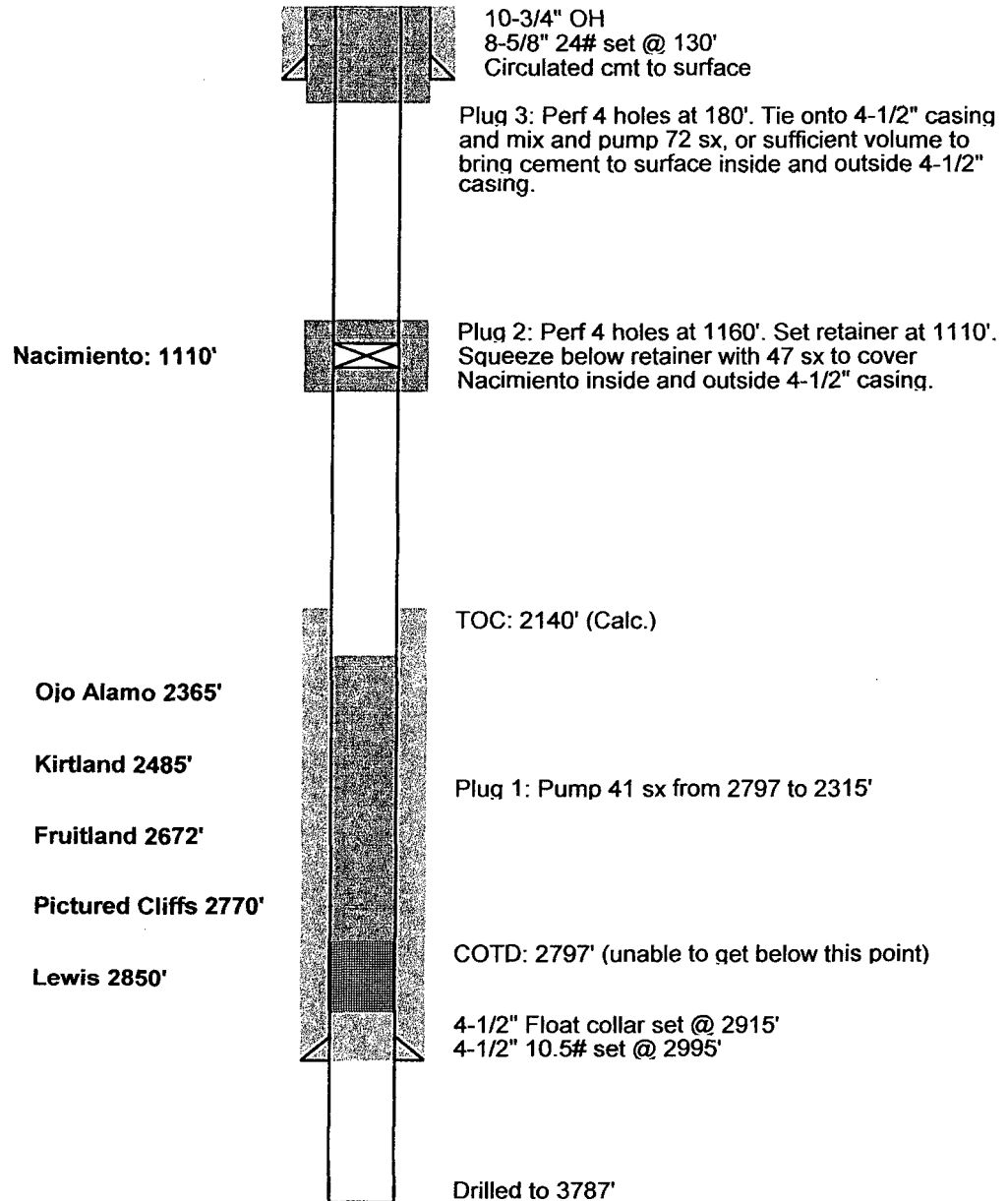
Wellbore Diagram  
Burro Canyon #2  
NE/4 Sec. 21, T24N, R4W  
Rio Arriba Co., NM  
API #30-039-21168

Before



Wellbore Diagram  
 Burro Canyon #2  
 NE/4 Sec. 21, T24N, R4W  
 Rio Arriba Co., NM  
 API #30-039-21168

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: 2 Burro Canyon

**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 Nacimiento plug from 981' – 881' inside 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.