

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.

NMNM-20304

6. If Indian, Allottee or Tribe Name

RCVD FEB 1 '08

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

OIL CONS. DIV.  
DIST. 3

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

JAN 25 2008

2. Name of Operator

Elm Ridge Exploration Company, LLC

Bureau of Land Management

Farmington Field Office

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)

Sec. 23-T24N-R8W

973' FSL X 2004' FWL

8. Well Name and No.

South Blanco Federal 23-2

9. API Well No.

30-045-28162

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County or Parish, State

San Juan, 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 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 Company, LLC intends to plug and abandon this well according to the attached procedure.

Revisions noted on attached

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

Name (Printed/Typed)

Amy Mackey

Title

Production Assistant

Signature

Date

January 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JAN 31 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)

NMOCD

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## Plugging Program for South Blanco Federal 23-2:

- 1: TIH with bit and scraper on workstring to 5400'. TOOH. Set 4-1/2" cement retainer at 5360'. Squeeze below retainer with 19 sacks to cover perfs. Spot ~~4~~ sacks on top of retainer, to bring top of cement to ~~5340'~~ to <sup>5268'</sup> cover top of Gallup formation. PU and reverse circulate with 2 tubing volumes of water. 2798 2698'
- 2: With end of tubing at ~~3540'~~, spot 11 sack balanced plug from 3540-3440' to cover top of Cliff House formation. PU and reverse circulate with 2 tubing volumes of water.
- 3: With end of tubing at 2360', spot 11 sack balanced plug from 2360-2260' to cover top of Chacra formation. PU and reverse circulate with 2 tubing volumes of water.
- 4: With end of tubing at ~~1965'~~, spot 68 sack balanced plug from 1965' to <sup>1241'</sup> ~~1002'~~ to cover Pictured Cliffs, Fruitland, and Ojo Alamo tops. PU and reverse circulate with 2 tubing volumes of water. 1988
- 5: With end of tubing at 363', spot 31 sack (or sufficient volume) balanced plug to bring cement from 636' to surface inside 4-1/2" casing.

Note: All volumes include excess

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** South Blanco Federal 23 #2  
**Footage:** 973' FSL and 2004' FWL  
**Location:** Section 23, T24N, R8W  
**County:** San Juan County, NM  
**API#:** 30-045-28162

**Field:** Lybrook Gallup

**Elevation:** 6806' GR

**TD:** 5808' KB  
**PBTD:** 5703' KB

**Completed:** 12/27/90

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	313'	250 sx (Circ. to Surface)
7-7/8"	4-1/2"	11.6#	J-55	5793'	750 sx (Circ. to Surface)

**Tubing Record:** 2-3/8" tubing. EOT @ 5638', SN @ 5604', TA @ 5469'

**Rod Record:** 2x1¼ x8x12 RHAC pump, 4x5/8" guided rods, 122x5/8" plain rods and 97x3/4" plain rods, 1x3/4"x4' pony, 1x3/4"x6' pony, 1x3/4"x8' pony.

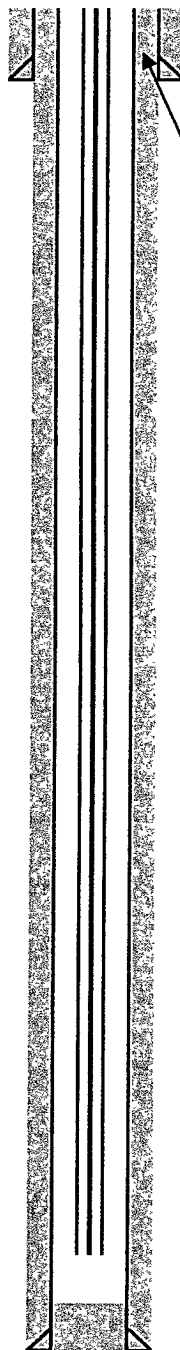
### Formation Tops:

Nacimiento	Surface
Ojo Alamo	1142'
Kirtland	1432'
Fruitland	1720'
Pictured Cliffs	1915'
Chacra	2310'
Cliff House	3490'
Point Lookout	4165'
Mancos	4430'
Gallup	5360'

**Perforations:** Gallup: 5508-5605'

**South Blanco Federal 23-2**  
SW/4 Sec. 23, T24N, R8W  
Rio Arriba County Co., NM  
API #30-045-28162

### Nacimiento-Surface



TOC: Circulated to surface

**Kirtland 1432'**

**Fruitland Coal 1720'**

### Pictured Cliffs 1915'

### Chacra 2310'

### Cliff House 3490'

### Point Lookout 4165'

**Mancos 4430'**

**Gallup 5360'**

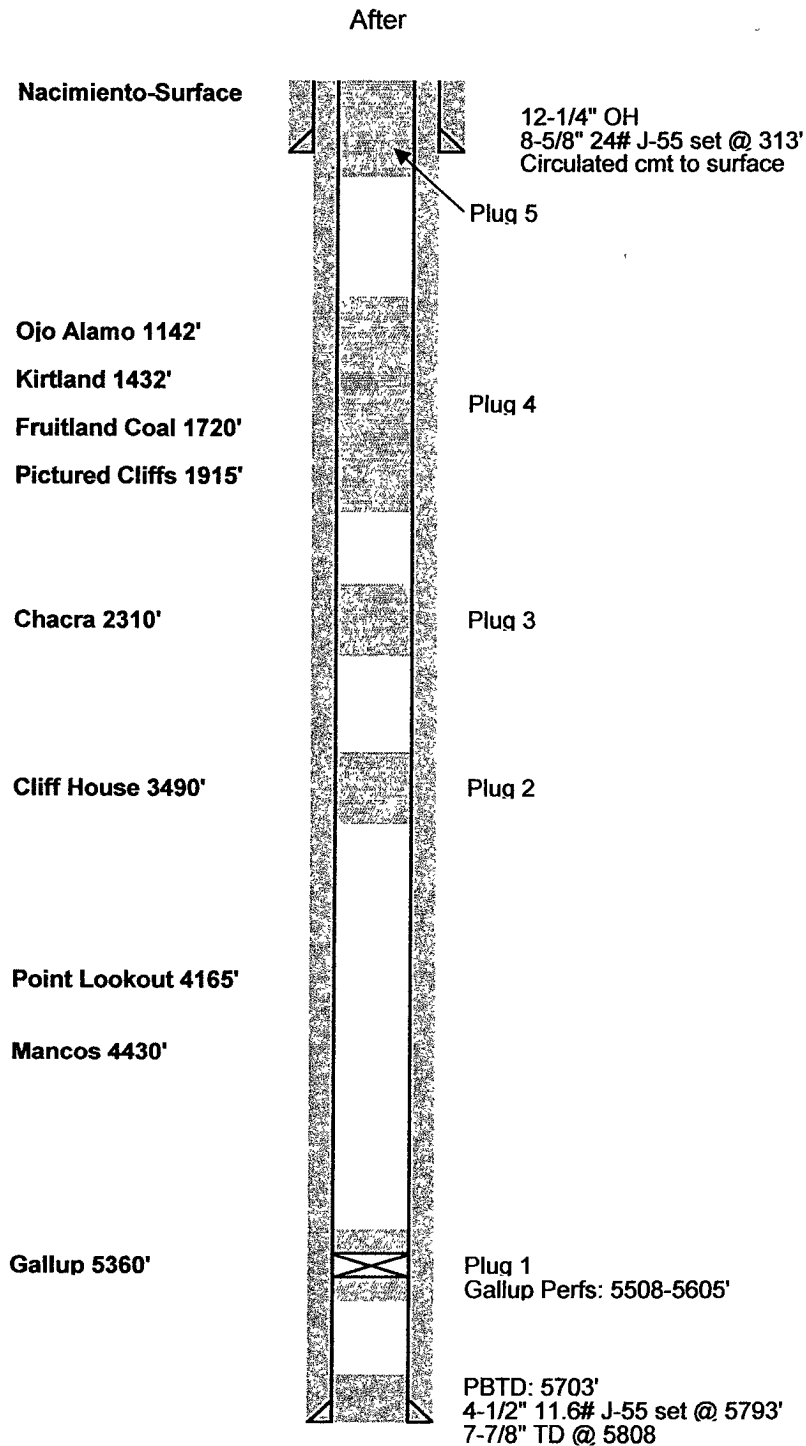
Gallup Perfs: 5508-5605'  
2-3/8" tbq set @ 5638'

PBTD: 5703'  
4-1/2" 11.6# J-55 set @ 5793'  
7-7/8" TD @ 5808

S. Blanco Federal 23-2  
1/22/2008

# Wellbore Diagram

**South Blanco Federal 23-2**  
SW/4 Sec. 23, T24N, R8W  
Rio Arriba County Co., NM  
API #30-045-28162



**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 South Blanco Federal 23

**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) Bring the top of the Gallup plug to 5268'.
  - b) Place the Mesaverde plug from 2798' – 2698'.
  - c) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 1988' – 1221'.

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.