

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.

NM-12233

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1.

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Company, 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)

Sec. 25-T24N-R8W

1660' FSL X 2340' FWL
910 R 660

8. Well Name and No.

S. Blanco Federal 25-4

9. API Well No.

30-045-24781

10. Field and Pool, or Exploratory Area

Lybrook Gallup Ext.

11. County or Parish, State

San Juan County, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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

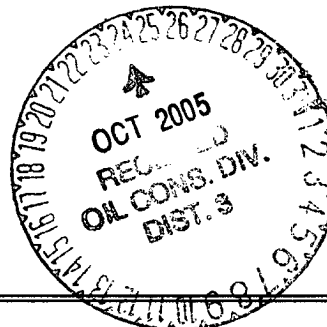
☐ Water Shut-Off

☐ 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 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 recomple 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 requests approval to plug and abandon this well according to the attached procedure.



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

Name (Printed/Typed)

Amy Mackey

Title

Production Assistant

Signature

Date

October 7, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 20 2005

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)

NMOCDD

Plugging Program for South Blanco State 25-4:

- 1: Set 4-1/2" cement retainer at 5354'. Squeeze below retainer with 8 sacks to cover perfs. Spot 8 sacks on top of retainer, to bring top of cement to 5304', to cover top of Gallup formation. PU and reverse circulate with 2 tubing volumes of water.
- 2: With end of tubing at 3535', spot 12 sack balanced plug from ^{2819' 2719'} ~~3535'-3435'~~ to cover top of Cliff House formation. PU and reverse circulate with 2 tubing volumes of water.
- 3: With end of tubing at 2449', spot 12 sack balanced plug from 2449'-2349' to cover top of Chacra formation. PU and reverse circulate with 2 tubing volumes of water.
- 4: With end of tubing at 2060', spot 63 sack balanced plug from 2060' to 1280' to cover Pictured Cliffs, Fruitland, and Ojo Alamo tops. PU and reverse circulate with 2 tubing volumes of water.
- 5: With end of tubing at ^{298'} ~~50'~~, spot ~~4~~ sack (or sufficient volume) balanced plug to bring cement from ^{298'} ~~50'~~ to surface inside 4-1/2" casing.
- 6: Cut off wellhead 3' below surface. Install dry hole marker. Remediate location.

Elm Ridge Resources

Pertinent Data Sheet

Well Name: South Blanco Federal 25 #4
Footage: 1660' FSL and 2310' FWL
Location: Section 25, T24N, R8W
County: San Juan County, NM
API#: 30-045-24781

Field: Lybrook Gallup Ext.

Elevation: 6895' GR

TD: 5750' KB

PBTD: 5693' KB

Completed: 4/16/81

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	K-55	248'	200 sx (Circ. To Surface)
7-7/8"	4-1/2"	10.5#	K-55	5736'	Stg 1: 750 sx Stg 2: 550 sx (DV@3145') ⁽¹⁾

⁽¹⁾ 1st Stage: TOC: To DV tool @ 3145' (calc. cmt vol. x 0.75). 2nd Stage: TOC: Circulated cement to surface

Tubing Record: 185 jts. 2-3/8" 8rd EUE tubing. SN on bottom at 5676'.

Rod Record: 2x1¼ x12x14x16 pump, 132 ¾"x25' plain rods and 93 ¾"x25' scraper rods.
1¼ x12 PR/ with 1½x6' PRL.

Formation Tops:

Nacimiento	Surface
Ojo Alamo	1330'
Fruitland	1840'
Pictured Cliffs	2010'
Chacra	2399'
Cliff House	3485'
Point Lookout	4315'
Gallup	5354'

Perforations: Gallup: 5408-5635'

Wellbore Diagram

South Blanco Federal 25-4

NW/4 Sec. 25, T24N, R8W

San Juan County Co., NM

API #30-045-24781

Nacimiento-Surface

12-1/4" OH
8-5/8" 24# K-55 set @ 248'
Circulated cmt to surface

Ojo Alamo 1330'

1st Stage:
Circulated cmt to surface

Fruitland Coal 1840'

Pictured Cliffs 2010'

Chacra 2399'

4-1/2" DV Tool @ 3143'

Cliff House 3485'

2nd Stage:
TOC above DV tool (calc. cmt vol. x 0.75)
Drilled 10' good cement above DV tool)

Gallup 5354'

Gallup Perfs: 5408-5635'

7-7/8" OH
PBTD: 5693'
4-1/2" 10.5# K-55 Set @ 5736'