

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-33005

6. If Indian, Allottee or Tribe Name

2007 JUL 11 AM 10:54

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

RECEIVED

210 FARMINGTON NM

8. Well Name and No.

South Blanco Federal 31 #2

9. API Well No.

30-039-22587

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County or Parish, State

Rio Arriba Co., 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)

1820' FNL & 960' FEL

Sec. 31- T24N- R7W

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.)

Elm Ridge Resources requests approval to plug and abandon this well according to the attached procedure.

RCVD JUL23'07
OIL CONS. DIV.
DIST. 3

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

Name (Printed/Typed)

Amy Mackey

Title

Administrative Manager

Signature

Date

July 5, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 19 2007

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)

NMOC

Plugging Program for South Blanco Federal 31 #2:

Plug 1: TIH with 4-1/2" retainer on 2-3/8" tubing and set at 5445'. Squeeze below retainer with 9 sacks. Spot ^{Cement} 4 sacks on top of retainer to cover Gallup top. 105782' + 50' excess. Pull up and reverse circulate with 2 tubing volumes of water.

~~Plug 2: Perforate 4 squeeze holes at 3646'. TIH with 4-1/2" cement retainer and set at 3596'. Squeeze below retainer with 39 sx and spot 4 sx plug on top of retainer to cover 100' across Cliff House top inside and outside. Pull up and reverse circulate with 2 tubing volumes of water. Plug from 2930 - 2830' + 50' excess~~

Plug 3: With end of tubing at 2524', spot 12 sx balanced plug to cover 100' across Chacra top. Pull up and reverse circulate with 2 tubing volumes of water.

Plug 4: With end of tubing at 2134', spot 64 sx balanced plug from 2134-1341' to cover across Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops. Pull up and reverse circulate with 2 tubing volumes of water. TOOH with tubing.

Plug 5: With end of tubing at 362', pump 32 sx, or sufficient volume to bring cement to surface inside 4-1/2" casing.

Remediate location according to NMOCD conditions of approval.

Note: All cement volumes include excess.

Elm Ridge Resources

Pertinent Data Sheet

Well Name: South Blanco Federal 31 #2
Footage: 1820' FNL and 960' FEL
Location: Section 31, T24N, R7W
County: Rio Arriba County, NM
API#: 30-039-22587

Field: Lybrook Gallup

Elevation: 7012' GR

TD: 5820' KB
PBTD: 5776' KB

Completed: 10/17/81

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	K-55	312'	240 sx (Circ. to Surface)
7-7/8"	4-1/2"	10.5#	K-55	5817'	Stg 1: 350 sx (TOC: 4548' Calc.) Stg 2: 500 sx (Circ. to Surface)

DV Tool set at 3191'.

Tubing Record: MA, PS, SN, 10 jts 2-3/8" tbg, TAC (5349'), 171 jts 2-3/8" tbg (as of 9/1994)

Rod Record: 1-1/2"x16' RHBC pump, 224-3/4", 4'x3/4" pony rod, 1-22'x1/4" polished rod.

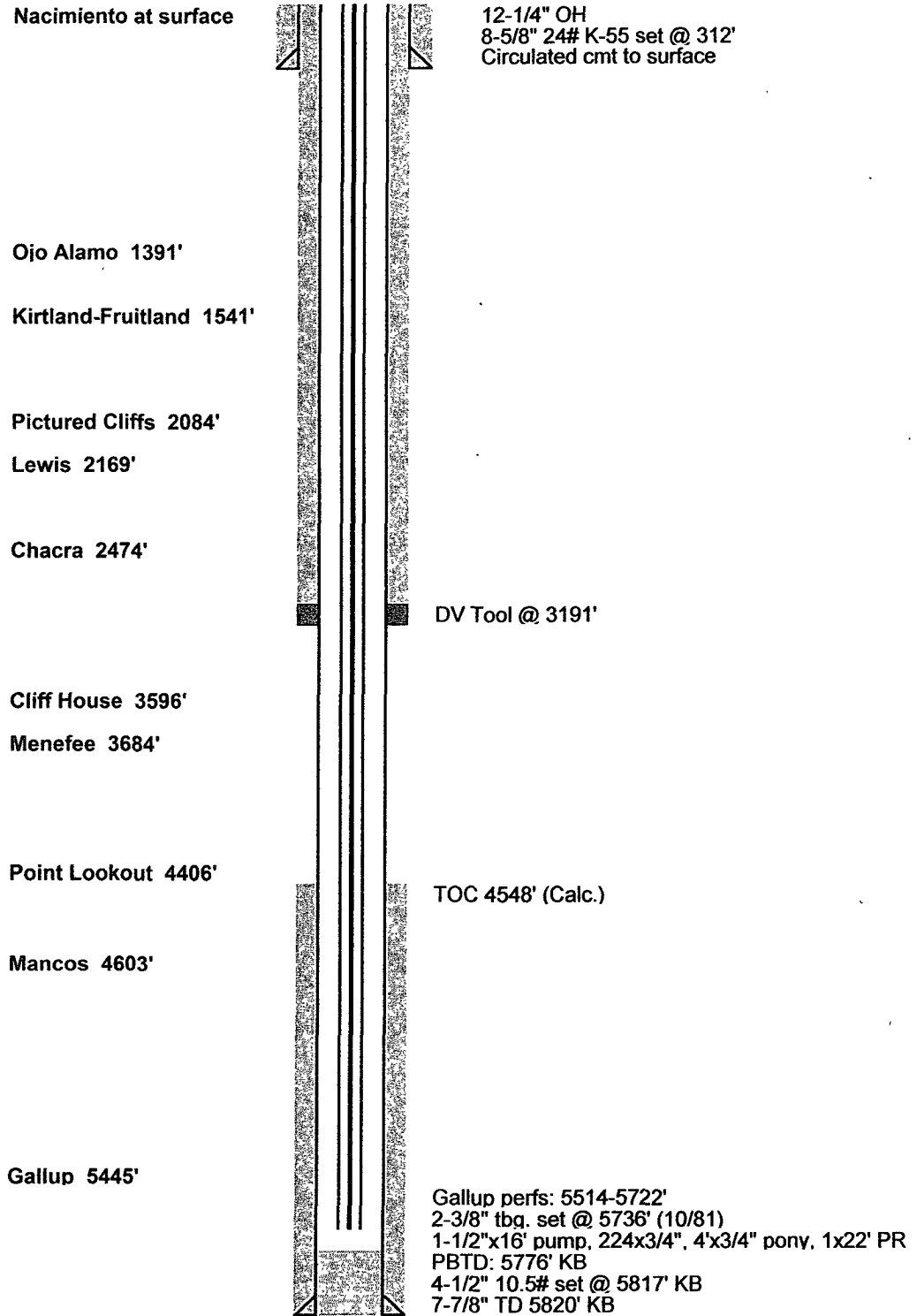
Formation Tops:

Nacimiento	Surface
Ojo Alamo	1391'
Kirtland-Fruitland	1541'
Pictured Cliffs	2084'
Lewis	2169'
Chacra	2474'
Cliff House	3596'
Menefee	3684'
Point Lookout	4406'
Mancos	4603'
Gallup	5445'

Perforations: Gallup: 5514-5722'

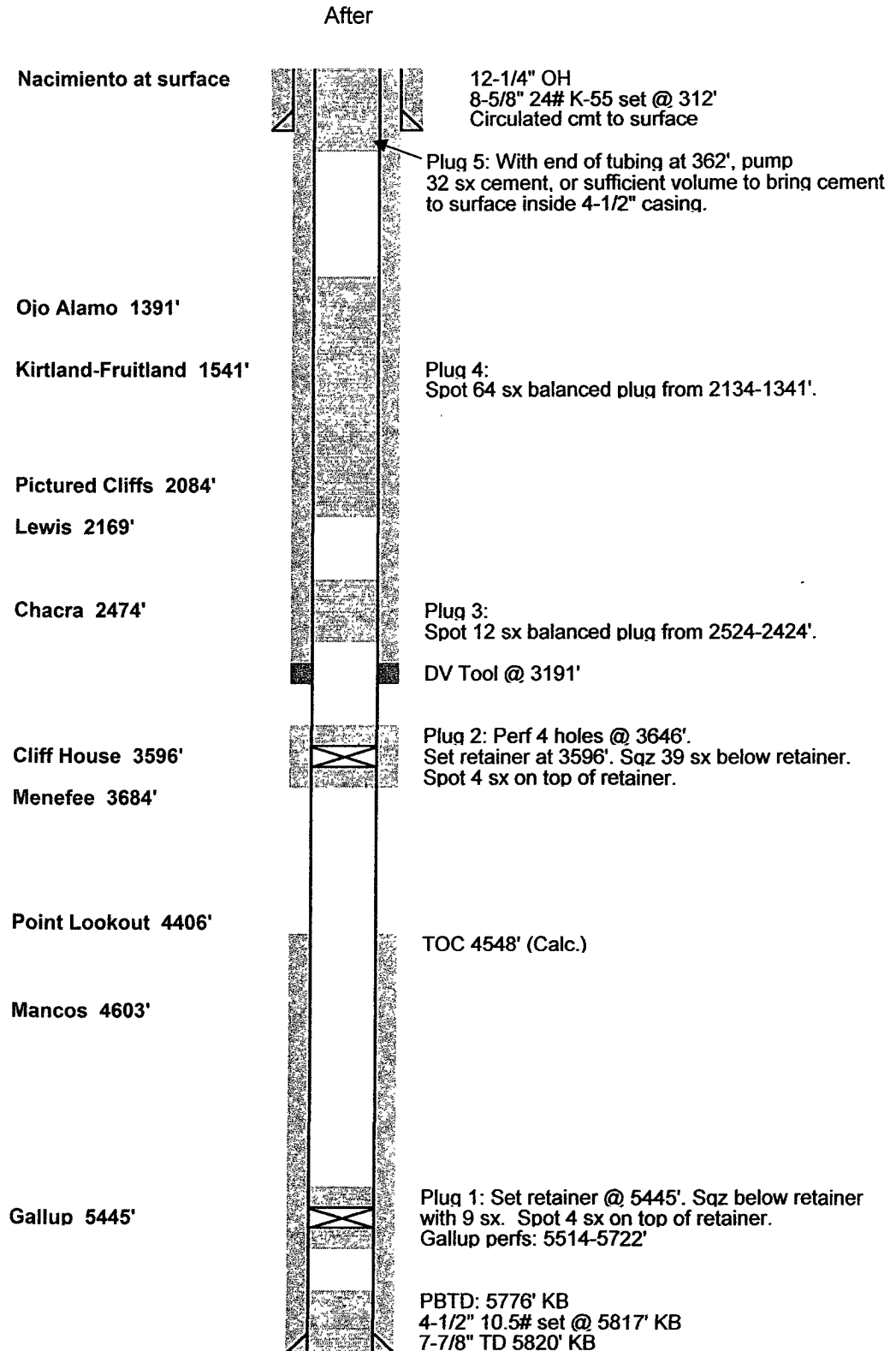
Wellbore Diagram
South Blanco Federal 31 #2
NE/4 Sec. 31, T24N, R7W
Rio Arriba Co., NM
API #30-039-22587

Before



S. Blanco Federal 31 #2 WBD
7/5/2007

Wellbore Diagram
 South Blanco Federal 31 #2
 NE/4 Sec. 31, T24N, R7W
 Rio Arriba Co., NM
 API #30-039-22587



**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 31

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 5186'
 - b) Place the Mesaverde plug from 2930' – 2830'.

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.