

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

RECEIVED

5 Lease Serial No

SF 078064

6 If Indian, Allottee or Tribe Name

N/A

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

8 Well Name and No

Carson Unit 13-31

9 API Well No

30-045-05431

10. Field and Pool, or Exploratory Area

Lower Bisti Gallup

11 County or Parish, State

San Juan County, NM

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 ext. 201

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

660' FNL X 1980' FEL

Sec. 13-T25N-R12W (Unit B)

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.)

Elm Ridge Exploration Co., LLC requests permission to plug and abandon the following well according to the attached procedure.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD OCT 24 '12

OIL CONS. DIV.
DIST. 3

* Run CBL and submit it to agencies for review prior to cementing the first plug.

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Amy Mackey

Title

Administrative Manager

Signature

Date

October 15, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 22 2012

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 A

Plugging Program for Carson Unit 13-31:

Plug 1: TOOH with 2-3/8" x 2-1/16" tubing string and tubing pump barrel.
Release 4-1/2" x 2-7/8" retrievable packers. TOOH and lay down 3-1/2" FJ scab liner. Set 4-1/2" cement retainer at 4850'. Squeeze 10 sx below packer and spot 6 sx above packer to cover 100' across top of Gallup perforations. ~~to 4657'~~

Plug 2: Perf 4 holes at 3903'. Set retainer at 3853'. Squeeze below retainer with 26⁴³ sx. Spot 6⁸ sx on top of retainer to cover 100' across Mancos top, inside and outside 4-1/2" casing.

Plug 3: Perf 4 holes at 1988¹⁹⁸⁸ 1606'. Set retainer at 1556'. Squeeze below retainer with 26⁴³ sx. Spot 6⁸ sx on top of retainer to cover 100' across Mesaverde top, inside and outside 4-1/2" casing.

Plug 4: Perf 4 holes at 1195¹¹⁹⁵ 1247'. Set retainer at 880'. Squeeze below retainer with 165 204³² sx. Spot 6⁸ sx on top of retainer to cover across Pictured Cliffs and Fruitland tops, inside outside 4-1/2" casing.

Plug 5: Perf 4 holes at 332³³² 245'. Tie onto 4-1/2" casing and mix and pump 105 sx, or sufficient volume to bring cement to surface inside and outside 4-1/2" casing.

Remediate location per regulatory agencies' Conditions of Approval.

Elm Ridge Exploration Co., LLC

Pertinent Data Sheet

Well Name: Carson Unit 13-31
Footage: 660' FNL and 1980' FEL
Location: Section 13, T25N, R12W
County: San Juan County, NM
API#: 30-045-05431

Field: Bisti Lower Gallup

Elevation: 6370' KB

TD: 5025' KB
PBTD: 5024' KB

Completed: 2/6/60

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	28#	J-55	111'	120 ft ³ (Circulated to surface)
7-7/8"	4-1/2"	9.5#	J-55	5025'	220 ft ³ TOC 4542' (Calc.)
Scab Liner	3-1/2" FJ			2365-3966'	

Workover Record: Isolated bad casing. Mountain States retrievable scab liner casing patch, top packer 4-1/2"x2-7/8" (2.5" min id) and 2-7/8" pin down with 2-7/8"x3-1/2" XO. 53 jts 3-1/2" FJ liner (1593.17'). Mountain States retrievable scab liner casing patch, lower packer 4-1/2"x2-7/8" (2.5" min id) and 2-7/8" EU box up with 2-7/8"x3-1/2" XO.

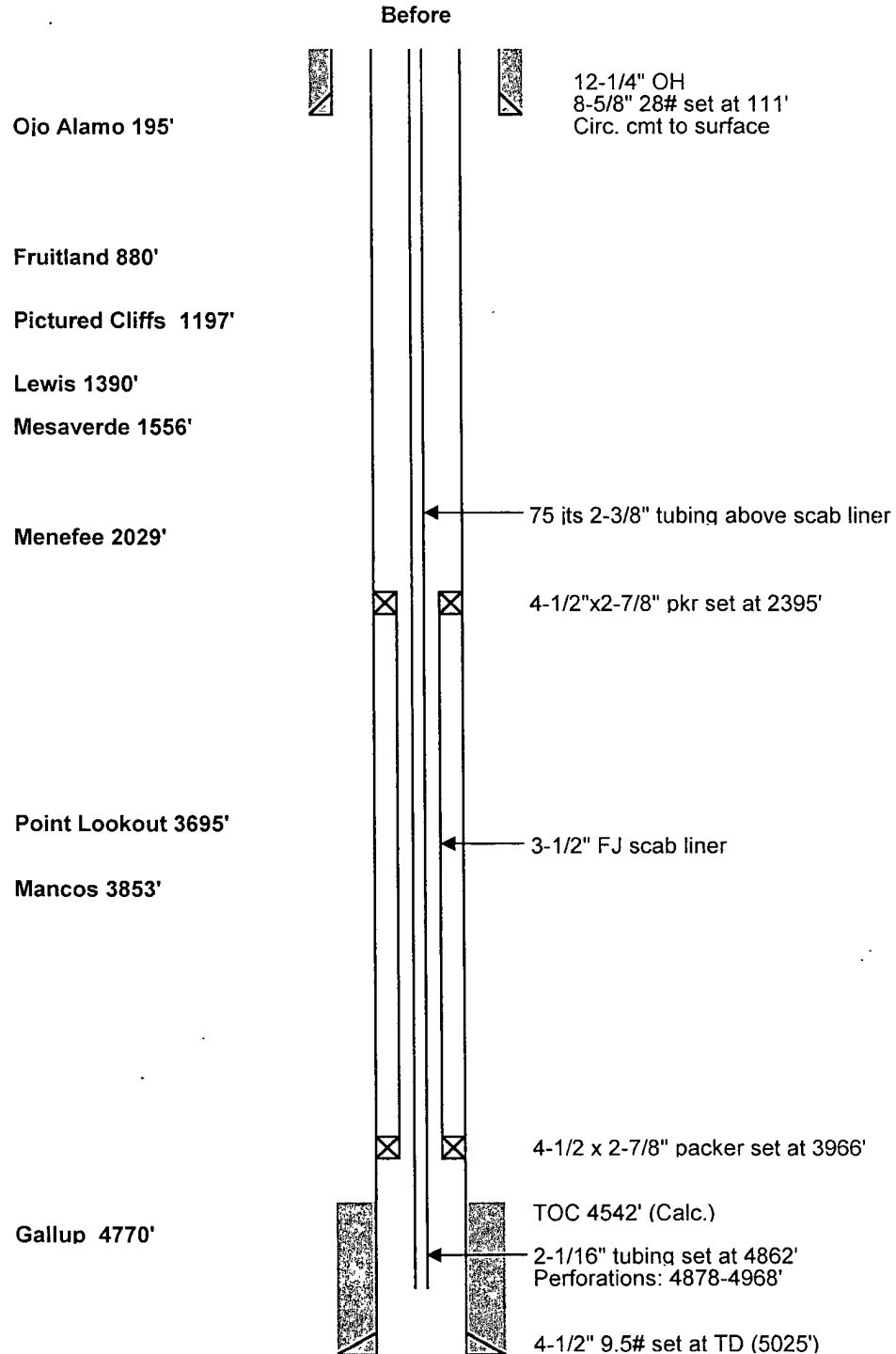
Tubing Record: 2-1/16"x1-1/2"x12'x14' pump, 25 jts. 2-1/16" tbg with 1-1/2" couplings, 54 jts 2-1/16" IJ tbg, 75 jts 2-3/8" tbg. EOT @ 4862'.

Formation Tops:

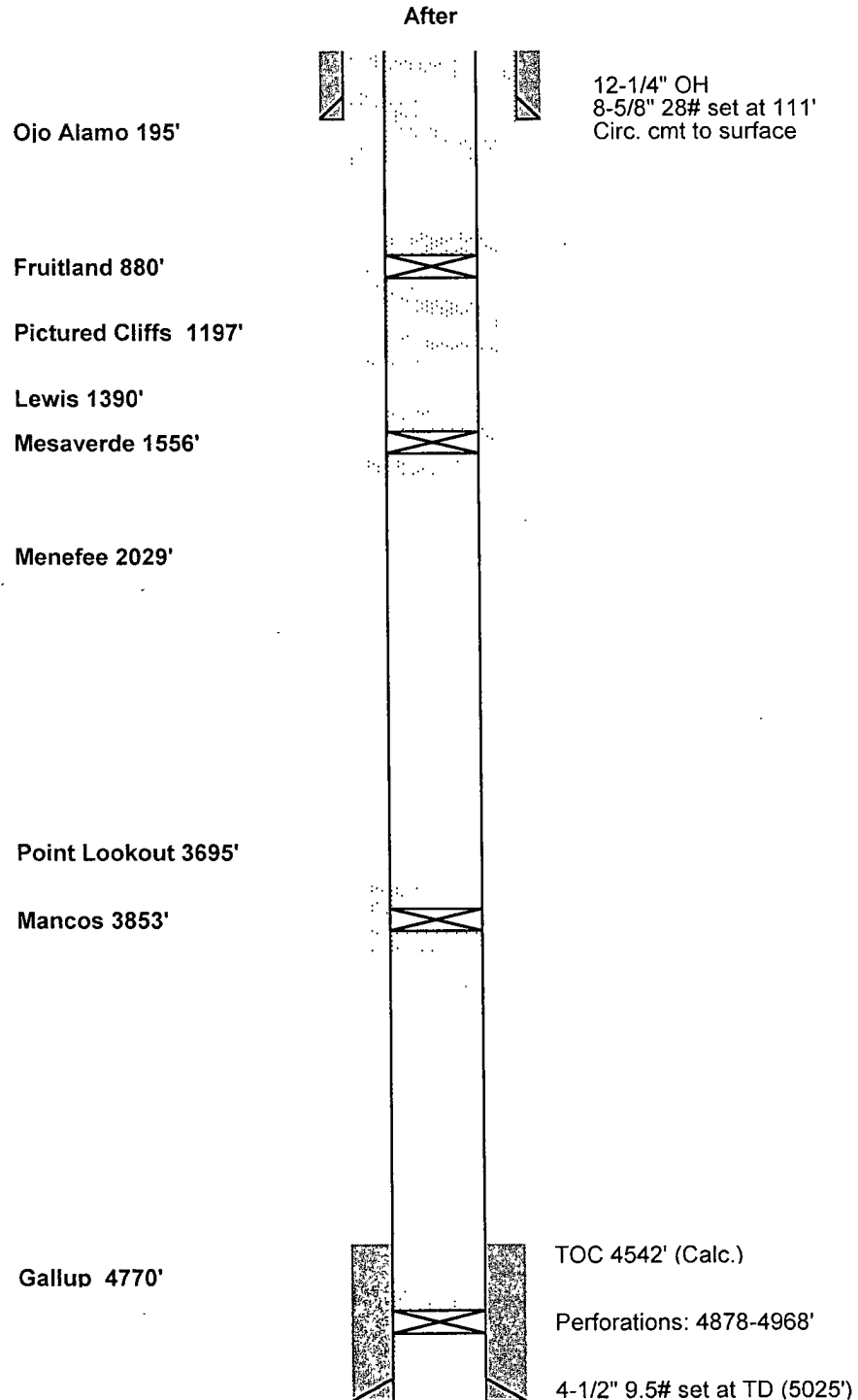
Nacimiento	Surface
Ojo Alamo	195'
Fruitland	880'
Pictured Cliffs	1197'
Lewis	1390'
Mesaverde	1556'
Menefee	2029'
Point Lookout	3695'
Mancos	3853'
Gallup	4770'

Perforations: Gallup: 4878-4968'

Wellbore Diagram
 Carson Unit 13-31
 NE/4 Sec. 13, T25N, R12W
 San Juan County Co., NM
 API #30-045-05431



Wellbore Diagram
Carson Unit 13-31
NE/4 Sec. 13, T25N, R12W
San Juan County Co., NM
API #30-045-05431



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 13-31 Carson Unit

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) 564-7750.

3. The following modifications to your plugging program are to be made:

a) Bring the top of the Gallup plug to 4657'.

b) Place the Mesaverde plug from 1988' – 1888' inside and outside the 4 ½" casing.

c) Place the Pictured Cliffs/Fruitland plug from 1247' – 830' inside and outside the 4 ½" casing.
Note: Setting the cement retainer 50' above perforations @ 1197'.

d) Place the Kirtland/Ojo Alamo/Surface plug from 332' to surface 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.