

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 16 2012

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Farmington Field Office

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)
1980' FNL X 1980' FEL
Sec. 13-T25N-R12W (Unit G)

5 Lease Serial No
NMMA-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 13-32

9. API Well No.
30-045-05481

10 Field and Pool, or Exploratory Area
Lower Bisti Gallup

11 County or Parish, State
San Juan County, 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.)

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.

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

DIST. 3

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Amy Mackey Title Administrative Manager

Signature [Signature] Date October 16, 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 AV

Plugging Program for Carson Unit 13-32:

Plug 1: PU 2-3/8" workstring. Well only has 1 joint of 2-3/8" tubing hanging in donut. Set 4-1/2" retainer at 4823'. Squeeze 10 sx below packer and spot ~~8~~¹⁰ sx above packer to cover 100' across top of Gallup perforations. ~~104464'~~

Plug 2: Perf 4 holes at 3912'. Set retainer at 3862'. Squeeze below retainer with ~~26~~⁴³ sx. Spot ~~6~~⁶ sx on top of retainer to cover 100' across Mancos top, inside and outside 4-1/2" casing.

Plug 3: Perf 4 holes at ~~1628~~²⁰¹⁰'. Set retainer at ~~1578~~¹⁵⁷⁸'. Squeeze below retainer with ~~26~~⁴³ sx. Spot ~~6~~⁶ sx on top of retainer to cover 100' across Mesaverde top, inside and outside 4-1/2" casing.

Plug 4: Perf 4 holes at 1252'. Set retainer at ~~880~~¹²⁰²'. Squeeze below retainer with ~~205~~¹⁶⁶ sx. Spot ~~6~~³³ 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 ~~245~~³³²'. Tie onto 4-1/2" casing and mix and pump 104 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 13-32

Footage: 1980' FNL and 1980' FEL

Location: Section 13, T25N, R12W

County: San Juan County, NM

API#: 30-045-05401

Field: Bisti Lower Gallup

Elevation: 6386' KB

TD: 5010' KB

PBTD: 5001' KB

Completed: 5/23/58

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	110'	118 ft ³ (Circulated to surface)
7-7/8"	4-1/2"	9.5#	J-55	5006'	232 ft ³ TOC 4501' (Calc.)

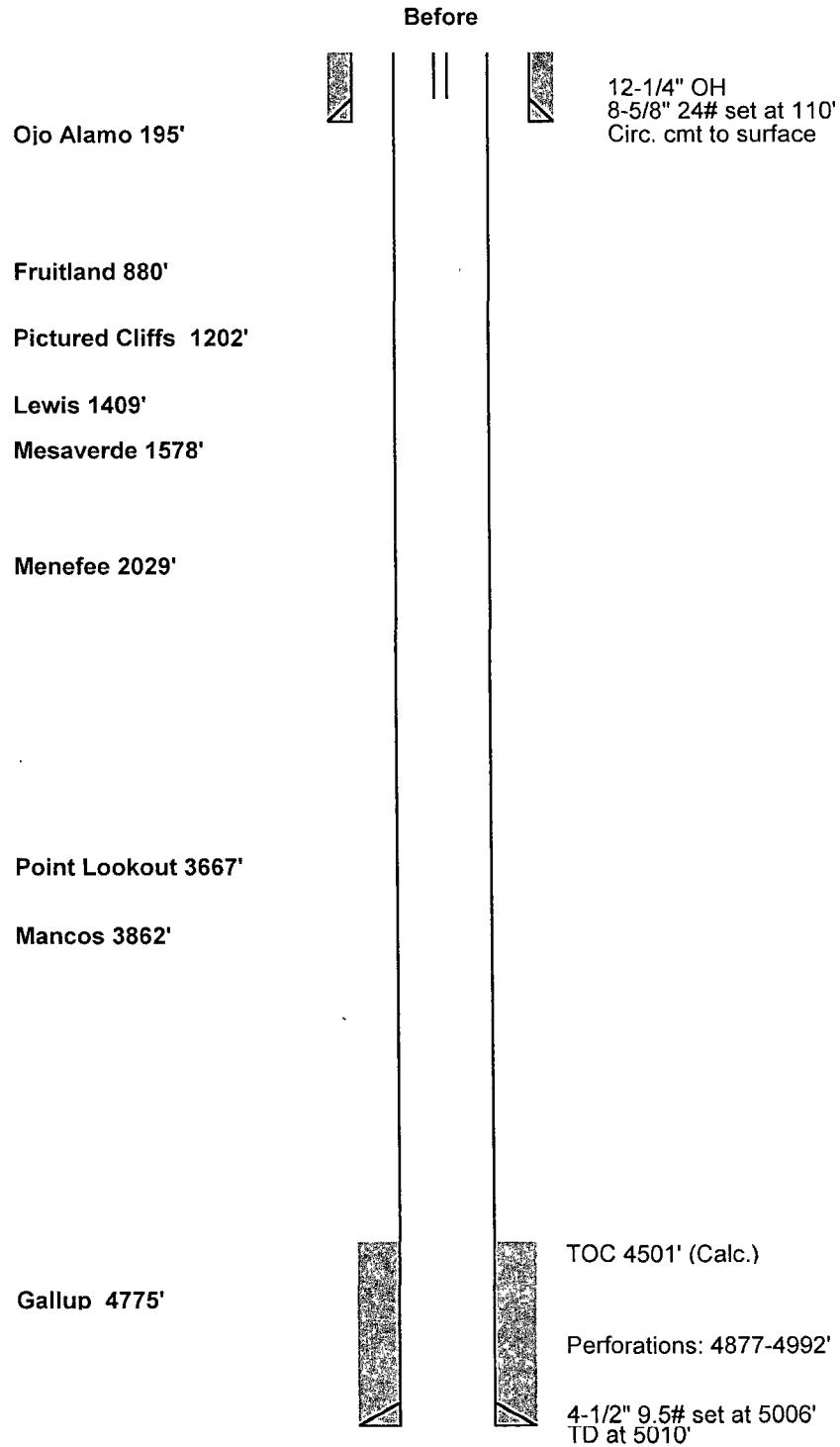
Tubing Record: 1 jt 2-3/8" tbg hanging in donut.

Formation Tops:

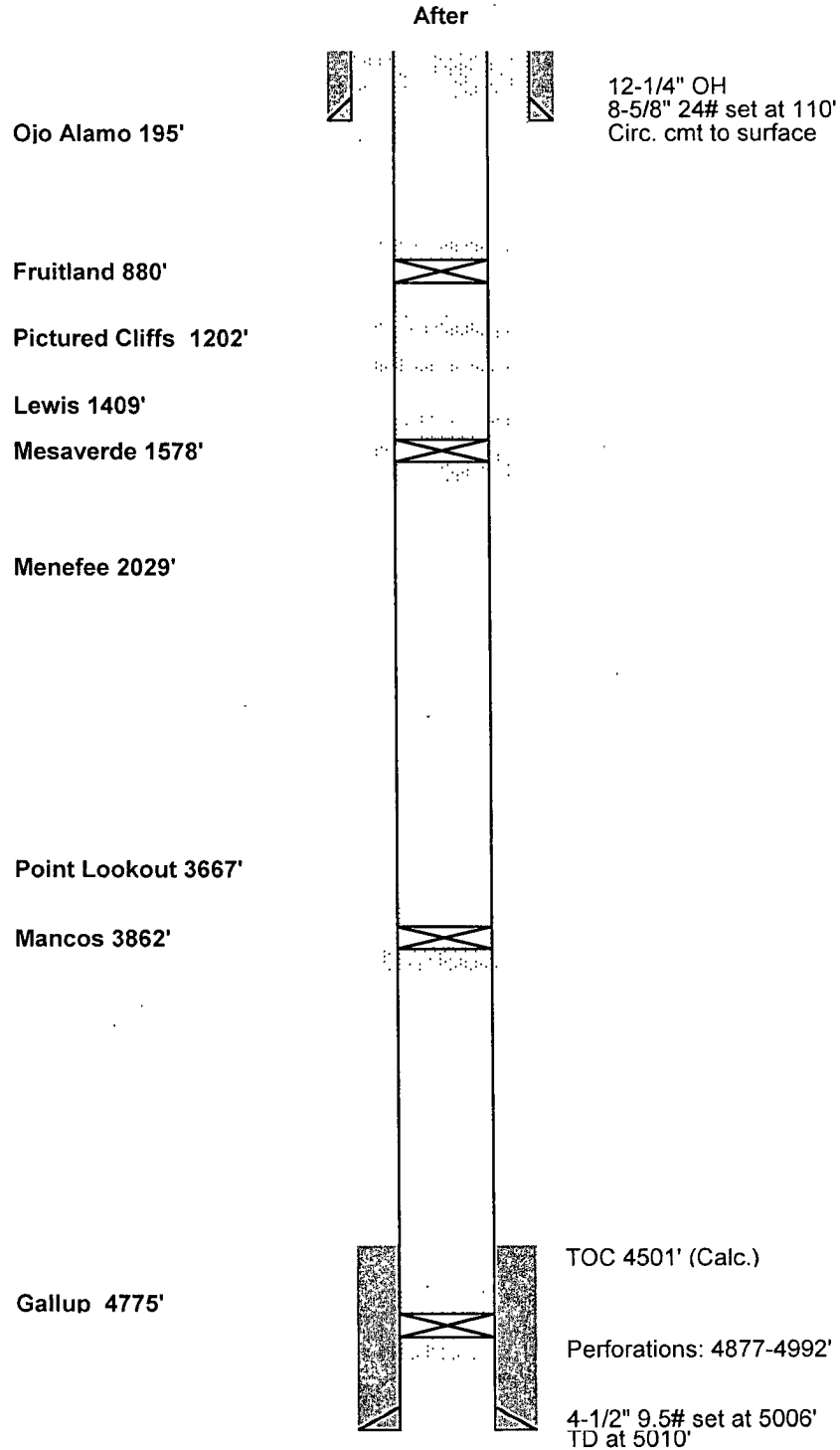
Nacimiento	Surface
Ojo Alamo	195'
Fruitland	880'
Pictured Cliffs	1202'
Lewis	1409'
Mesaverde	1578'
Menefee	2029'
Point Lookout	3667'
Mancos	3862'
Gallup	4775'

Perforations: Gallup: 4877-4992'

Wellbore Diagram
Carson Unit 13-32
NE/4 Sec. 13, T25N, R12W
San Juan County Co., NM
API #30-045-05401



Wellbore Diagram
Carson Unit 13-32
NE/4 Sec. 13, T25N, R12W
San Juan County Co., NM
API #30-045-05401



**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: 13-32 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 4664'.

b) Place the Mesaverde plug from 2010' – 1910' inside and outside the 4 ½" casing.

c) Place the Pictured Cliffs/Fruitland plug from 1252' – 830' inside and outside the 4 ½" casing.
Note: Setting the cement retainer 50' above perforations @ 1202'.

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.