

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date:

Application Type:

☐ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☒ **Other: Casing Repair**

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-05343-00-00	AXI APACHE D	002	ELM RIDGE EXPLORATION COMPANY LLC	G	A	Rio Arriba	J	N	19	24	N	4	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Run CBL and submit with proposed plan to agencies prior to cementing.

NMOCD Approved by Signature

6/11/14
Date

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

MAY 29 2014

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jicarilla Cont. 42
2. Name of Operator Elm Ridge Exploration Co., LLC		6. If Indian, Allottee or Tribe Name Jicarilla Apache
3a. Address PO Box 156 Bloomfield, NM 87413	3b. Phone No. (include area code) (505) 632-3476 ext. 201	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FSL X 990' FWL 24N "N" - Sec. 19-T23N-R04W		8. Well Name and No. AXI Apache D 2
		9. API Well No. 30-039-05343
		10. Field and Pool, or Exploratory Area Ballard Pictured Cliffs
		11. County or Parish, State Rio Arriba 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 checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input 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 recompletion 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 failed a Bradenhead test in April. We believe there is a small hole in the casing. We plan to move onto this location, isolate the hole and squeeze. We will retest the bradenhead when the work is complete. We plan to finish this work by May 2015.

Based on the unknown TOC on the 8 1/8" casing,
Please complete this work by 9/1/14.

OIL CONS. DIV DIST. 3

JUN 11 2014

BH = 122"
CP = 124"
TP = 58"

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Amy Archuleta	Title Sr. Regulatory Supervisor
Signature <i>A. Archuleta</i>	Date May 29, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>P. Eng</i>	Title Pet. Eng	Date 6/9/14
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.		

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)

Expires 9-1-14

NUCED
OPERATOR
AR

Elm Ridge Resources

Pertinent Data Sheet

Well Name: AXI Apache D-2
Footage: 990' FSL and 990' FWL
Location: SESW Section 19, T24N, R4W
County: La Plata County, CO
API#: 30-039-05343

Field: Ballard Pictured Cliffs

Elevation: 6739' KB

TD: 2569' KB

Completed: 12/25/1955

Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
15"	13-3/8"	54#	H.S.	321'	250 sx (Circ. to surface)
11"	8-5/8"	24#	J-55	2560'	275 sx ¹

(1) TOC: 1280 (calculated)

Tubing: 2-3/8" tubing set at 2470'

Formation Tops:

San Jose	Surface
Nacimiento	760'
Ojo Alamo	1988'
Fruitland	2338'
Pictured Cliffs	2470'

Perforations:

Pictured Cliffs perforations: 2484' – 2506'

Notes:

Wellbore Diagram
AXI Apache D-2
SESW Sec. 19, T24N, R4W
Rio Arriba County, NM
API #30-039-05343

Before

San Jose - surface

15" OH
13-3/8" 54# H.S. set @ 321'
Circulated cmt to surface

Nacimeinto - 760'

TOC: 1280' (calculated)

Ojo Alamo - 1988'

Fruitland - 2338'

Pictured Cliffs - 2470'

2-3/8" tbq set at 2470'

Pictured Cliffs perforations: 2484'-2506'

11" OH
8-5/8" 24# J-55 set @ 2560'
TD: 2569'

AXI Apache D2 WBD
5/28/2014