

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, 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: 11/1/2019

Well information:

30-039-05059 MOBIL APACHE #010

EPIC ENERGY, L.L.C.

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Location Change

☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.

In addition to the BLM approved plugs:

- Add a plug from 2704'-2607' to cover the Ojo Alamo top. OCD Ojo Alamo pick @ 2654'.
- Add a plug from 1505'-1405' to cover the Nacimiento top. OCD Nacimiento pick @ 1455'.

NMOCD Approved by Signature

1/24/20
Date

4

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Epic Energy, LLC

3a. Address

7415 East Main, Farmington, NM 87402

3b. Phone No. (include area code)

505-327-4892

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

1650' FSL & 790' FEL; Section 13, T23N, R3W

5. Lease Serial No.

Contract #168

6. If Indian, Allottee or Tribe Name

Jicarilla- Apache

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

8. Well Name and No.

Mobil Apache #10

9. API Well No.

30-039-05059

10. Field and Pool, or Exploratory Area

South Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba, 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 recomplate 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.)

Epic Energy, LLC, proposes to permanently plug and abandon the Mobil Apache #10 as per the attached procedure:

NMOCD

JAN 10 2020

DISTRICT III

NOEC
9/16/19

COA attached

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

Name (Printed/Typed)

John Thompson

Title

Vice President - EPIC Energy

Signature

Date

July, 19 2019

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Petroleum Engineer

Date

1/8/2020

Office

FFO

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, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

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: Mobil Apache #10

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. Submit electronic copy of the CBL for verification to the following addresses: jkillins@blm.gov , jhoffman@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.
4. Based on geologic review and evidence of fresh water, place an additional plug to cover Nacimiento top inside/outside casing from 500-600 ft md with required excess volume.
5. Surface plug to extend 50' below the shoe of the 8-5/8 surface casing with no annular space left open to the drilled hole below.

P&A Procedure

EPIC Energy – Mobil Apache #10

South Blanco Pictured Cliffs

1650' FSL & 790' FEL, Section 13, T23N, R3W

Rio Arriba County, New Mexico, API #30-039-05059

Plug & Abandonment Procedure:

Note: All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 1.15 ft³/sk or equivalent. If casing pressure tests tagging plugs will not be required. Procedure designed from calculated TOC 2647'.

Pertinent well data: See attached WBD

Prior to Mobilization

1. Notify BLM & NMOCD
2. Verify all cement volumes based on actual slurry to be pumped. Calculations based on 1.15 ft³/sk.
3. Comply with all COA's from BLM and NMOCD

P&A Procedure

1. MIRU PU and cement equipment
2. ND WH, NU BOP, RU rig floor and 2 3/8" handling tools
3. POOH and tally and 2 3/8" tubing. RIH with 4 1/2" casing scraper to 3066'
4. TIH with 4 1/2" CICR and set @ 3041'
5. Pressure test tubing to 1000 psi, Roll well, close pipe rams and pressure test casing to 500 psi to determine if plug tags will be required.
6. TOOH and LD setting tool
7. MIRU WL and run CBL to determine TOC
8. Plug #1, 2837' - 3041' (Pictured Cliffs Top: 3091', Fruitland Top 2945', Kirtland Top 2887' Perfs: 3194' - 3104'): TIH to CICR set @ 3041'. Mix & pump 23 sxs (26.45 ft³) of Class G neat cement (or equivalent) leaving 290' of cement on top of retainer. PU 100' above TOC and reverse circulate tubing clean.
9. If necessary RU WL, RIH and perforate at 2622'
10. TIH w/ CICR and set @ 2597'
11. Plug #2, 2497' - 2597' (Ojo Alamo Top: 2654'): Sting into retainer and attempt to squeeze 39 sx (44.85 ft³) into annulus. Sting out of retainer and spot 14 sxs (16.1 ft³) Class G neat cement in a balanced plug inside casing. PUH 100' above TOC and reverse circulate tubing clean.
12. TOOH and LD tubing

13. Plug #3, (8-5/8" Surface casing shoe, 103' to Surface): Original surface casing circulated cement. TIH to 8 5/8" surface casing shoe at 103' and mix approximately 17 sxs (19.55 ft³) class G neat cement. Top off as necessary.

14. ND BOP and cut off wellhead below surface casing flange, top off casing and annulus as necessary. Install P&A marker and cut off and/or remove anchors. RD, MOL - Restore location per BLM stipulations.

John C. Thompson
Engineer

EPIC Energy, LLC

Mobile Apache #10

Proposed P&A

South Blanco Pictured Cliffs

1650' FSL & 790' FEL, Section 13, T23N, R3W, Rio Arriba County, NM

API #30-039-05059

**Today's Date: 7/19/19
Spud: 11/14/1964
Completed: 3/6/1965**

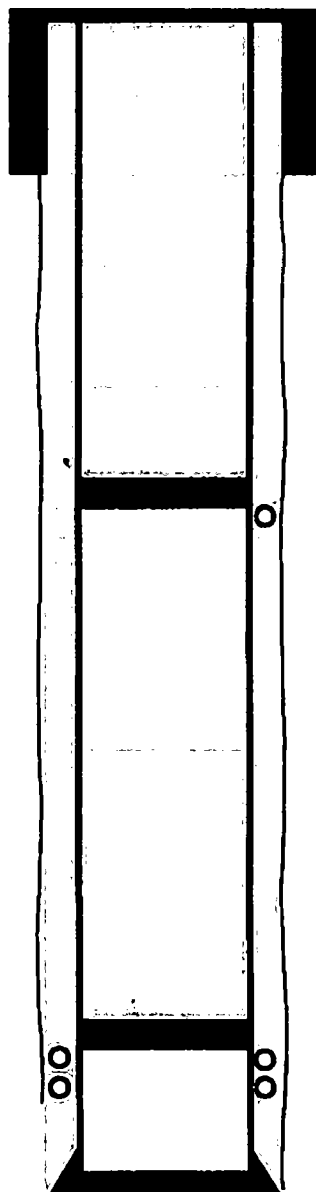
Surface - Nacimienta

Ojo Alamo @ 2654'

Kirtland @ 2887'

Fruitland @ 2945'

Pictured Cliffs @ 3091'



Surface Casing

Elevation: 7310' KB

Hole Size: 12 1/4"

8 5/8", 24#, Casing set @ 103'

Cement w/ (90 sk), circulated cmt to surf

Production Casing

Hole Size: 7 7/8"

4-1/2", 9.5#, casing set @ 3140'

Cement w/ 100 sk Class A - TOC 2647' (Calculated)

Pictured Cliffs Perfs: 3194' - 3104' (2 spf)

Plug #3: Surface - 103' - (8 5/8" surface casing shoe)

Class G neat, 17 sxs (19.55 ft³)

Plug #2: 2497' - 2597'

Class G neat Squeeze 39 sx (44.85 ft³)

Spot Class G neat, 14 sxs (16.1 ft³)

Set CICR @ 2597'

WL 3 spf @ 2622' (25' above TOC determined by CBL)

Plug #1: -2837' - 3041'

Class G neat, 23 sxs (26.45 ft³)

Set CICR at 3041'

PBTD: 3150'

TD: 3140'