

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 November 30, 2000

RECEIVED

5. Lease Serial No.

Contract #162

OCT 19 2018

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

Farmington Field Office

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

NMOCD

JAN 31 2019

8. Well Name and No.

Mobil Apache 20

DISTRICT III

9. API Well No.

30-039-23299

10. Field and Pool, or Exploratory Area

Blanco South Pictured Cliffs

11. County or Parish, State

Rio Arriba County, NM

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)

790' FNL & 790' FEL; Section 17, T23N, R2W

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.)

Epic Energy, LLC, proposes to permanently plug and abandon the Mobil Apache #20 as per the attached procedure:

Note: Reclamation plan as previously been submitted to BLM Farmington office, onsite conducted 2/2/2018

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs
prior to beginning
operations

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

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

Name (Printed/Typed)

John C. Thompson

Title

VP of Engineering & Operations

Signature

Date

September 25, 2018

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Office

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 enable 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 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

EPIC Energy, LLC

Mobil Apache 20

Proposed P&A

South Blanco Pictured Cliffs

790' FNL & 790' FEL, Section 17, T23N, R2W, Rio Arriba County, NM

API #30-039-23299

Date: 10/15/18

Surface - Nacimienta

Elevation: 7360' GL

Hole Size: 11-1/2"

7", 23#, Casing set @ 100'

Cement w/ 56 sxs (66 cf), circulated cmt to surf

Plug #4: 125' - Surface

Class B cement, 15 sxs (17.7 cf)

Ojo Alamo @ 2774'

Plug #3: 2674' -2824'

Class B cement, 12 sxs (14.2 cf)

Kirtland @ 2832'

Plug #2: 2732' - 2882'

Class B cement, 12 sxs (14.2 cf)

Hole Size
6-1/4"

Fruitland @ 3019'

Plug #1: 2902' - 3002'

Class B cement, 8 sxs (9.4 cf)

Set CICR at 3002'

Pictured Cliffs @ 3049'

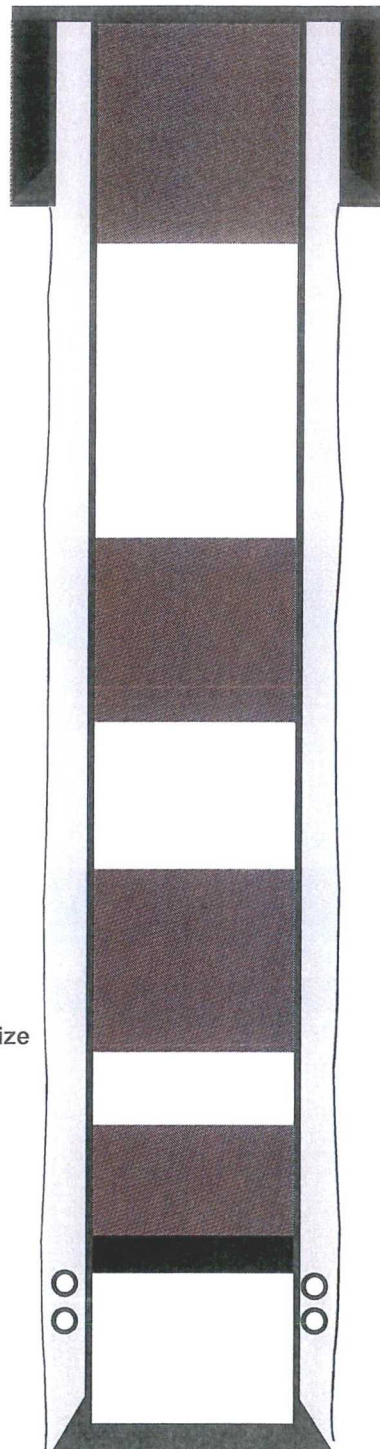
Pictured Cliffs Perfs: 3052' - 3077'

4-1/2", 10.5#, casing set @ 3170'

Cement w/ 280 sx 50/50 Poz & 55 sx Class B

Note: Perf at 3052', re-cement well w/ 200 sx

Circulated cement to surface 10/20/1983



PBTD:3132'

TD: 3200'

P&A Procedure

EPIC Energy – Mobil Apache 20

South Blanco PC

790' FNL & 790' FWL, Section 17, T23N, R2W

Rio Arriba County, New Mexico, API #30-039-23299

Plug & Abandonment Procedure:

Currently the well is producing out 2-3/8" tbg that is landed with EOT at 3052' KB

1. **Plug #1, 2902' - 3022' (Pictured Cliffs Top: 3049', Perfs: 3052' – 3077'):** RIH & set CICR at 3002'. Pressure test tubing prior to pumping cement to 1000 psi. Sting out of retainer, mix & pump 8 sxs (9.4 cf) of Class B cement (or equivalent) leaving 50' of cement on top of retainer. Pull up and circulate hole clean. Note: Circulated cement on remedial job.
2. **Plug #2, 2732' – 2882' (Kirtland Top: 2832'):** Spot 12 sxs (14 cf) Class B cement in a balanced plug inside casing to cover Kirtland Top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
3. **Plug #3, 2674' – 2824' (Ojo Alamo Top: 2774'):** Spot 12 sxs (14 cf) Class B cement in a balanced plug inside casing to cover Ojo Alamo Top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
4. **Plug #4, (8-5/8" Surface casing shoe, 125' to Surface):** If required, Perforate at 125' and attempt to establish circulation to surface out the bradenhead valve. Mix approximately 15 sxs (17.7 cf) of cement and pump down the 4.5" casing to circulate out the BH valve. If unable to circulate, top off as necessary.
5. 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.

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 20

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) Combine Plugs #1, #2 and #3 (3022 – 2754) ft. to cover the PC, Fruitland, Kirtland, and Ojo Alamo tops. BLM picks top of Fruitland at 3010 ft. BLM picks top of Kirtland at 2974 ft. BLM picks top of Ojo Alamo at 2804 ft.
- b) Add a cement plug (1518 – 1418) ft. to cover the Nacimiento top. BLM picks Nacimiento top at 1468 ft.
- c) Set Plug #4 (150 – 0) ft. to cover the 8-5/8" surface casing shoe. Surface casing shoe at 100 ft.

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.