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Form 3160- 5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.

Jicarilla Contract 78

6. If Indian, Allottee, or Tribe Name

Jicarilla Apache Tribe

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DJR Operating, LLC

3a. Address

1 Road 3263 Aztec, NM 87410

3b. Phone No. (include area code)

505-632-3476 ext 201

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

UL D, Section 14, T-23N, R-05W 990' FNL 990' FWL

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

8. Well Name and No.

AXI Apache F No. 005

9. API Well No.

30-039-20666

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

11. County or Parish, State

Rio Arriba County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/ Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Final Abandonment Notice

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☒ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration if the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports must be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed c testing has been completed. Final Abandonment Notice must be filed only after all requirements, including reclamatantion, have been completed, and the operator h determined that the site is ready for final inspection.)

DJR Operating, LLC requests approval to plug and abandon this well per the attached procedure and wellbore diagram.
Approved Reclamation Plan is attached.

NMOCD

FEB 08 2019

DISTRICT III

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

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Amy Archuleta

Title

Regulatory

Signature

Date

December 26, 2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PE

Date

2/7/19

Conditions of approval, if any are attached. Approval of this notice does not warrant or c that the applicant holds legal or equitable title to those rights in the subject lease which w entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the Unit fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

AY

5

DJR Operating LLC

Plug And Abandonment Procedure

AXI Apache F #005

990' FNL & 990' FWL, Section 14, T23N, R5W

Rio Arriba County, NM / API 30-039-20666

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" workstring and round trip as deep as possible above top perforation at 2194'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 2144'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 2144' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Jack Savage (BLM) at jwsavage@blm.gov and Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

9. Plug 1 (**Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo Formation Tops 2144'-1600', 45 Sacks Class G Cement**)

Mix 45 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops.

10. Plug 2 (**Nacimiento Formation Tops 1000'-850', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover the Nacimiento formation top.

11. Plug 3 (**Surface Shoe and Surface 250'-surface, 80 Sacks Class G Cement**)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 80 sx cement and spot a balanced plug from 250' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 250' and the annulus from the squeeze holes to surface. Shut in well and WOC.

12. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

Wellbore Diagram

AXI Apache F #005
API #: 3003920666
Ri Arriba, New Mexico

Plug 3

250 feet - Surface
250 feet plug
80 sacks of Class G Cement

Plug 2

1000 feet - 850 feet
150 feet plug
12 sacks of Class G Cement

Plug 1

2144 feet - 1600 feet
544 feet plug
45 sacks of Class G Cement

Surface Casing

8.625" 24# @ 225 ft
150SK Class A
+ 2% Cella - cement
to surface.

Formation

Pictured Cliffs - 2190 ft

Retainer @ 2144 feet

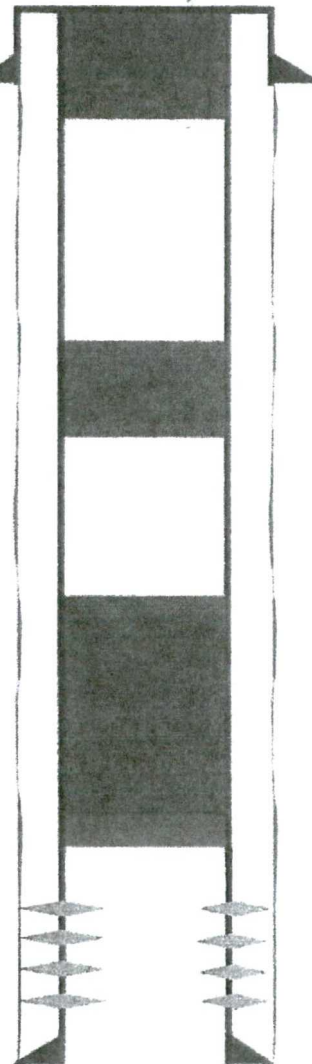
Production Casing

4.5" 10.5# @ 2455 ft

100SK 59/50 A
2% gel 6% Gilsomite
1/2% CFE 2

No TOC mentioned

calc TOC from cement jobs = 200'
above PC top.



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: AXI Apache F 5

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) Set Plug #1 (2140 – 1612) ft. to cover the PC, Fruitland, Kirtland, and Ojo Alamo tops. BLM picks top of Ojo Alamo at 1662 ft.
 - b) Combine Plugs #2 & #3 (408 – 0) ft. to cover the Nacimiento top and the surface casing shoe. BLM picks top of Nacimiento at 358 ft.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

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.