

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 to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

5. Lease Serial No.  
JIC78

6. If Indian, Allottee or Tribe Name  
JICARILLA APACHE

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
AXI APACHE F 5

2. Name of Operator  
DJR OPERATING LLC

Contact: AMY ARCHULETA  
E-Mail: aarchuleta@highriverllc.com

9. API Well No.  
30-039-20666-00-S1

3a. Address  
1600 BROADWAY SUITE 1600  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 505-325-0318

10. Field and Pool or Exploratory Area  
BALLARD

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T23N R5W NWNW

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			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 Operation: 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

DJR Operating, LLC plugged and abandoned this well per the attached report.

NMOC

JAN 06 2020

DISTRICT III

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

Electronic Submission #476148 verified by the BLM Well Information System

For DJR OPERATING LLC, sent to the Rio Puerco

Committed to AFMSS for processing by JOHN HOFFMAN on 08/20/2019 (19JH0010SE)

Name (Printed/Typed) AMY ARCHULETA

Title REGULATORY

Signature (Electronic Submission)

Date 07/31/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By **ACCEPTED**

JOHN HOFFMAN  
Title PETROLUUM ENGINEER

Date 08/20/2019

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 Rio Puerco

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 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 page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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## **DJR Operating LLC**

### **Plug And Abandonment End Of Well Report**

#### **Apache AXI F No. 005**

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

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

#### **Work Summary:**

- 7/10/19** Made BLM, and NMOCD P&A operations notifications at 10:00 AM MST.
- 7/11/19** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. TOOH with production tubing and found a hole in the tubing. L/D production tubing string. Shut-in well for the day.
- 7/12/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and work string and tallied on the way in the hole to a depth of 2150'. Round tripped casing scraper above top perforation at 2194'. TOOH and L/D casing scraper. Shut-in well for the day.
- 7/15/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR, TIH and set at 2135'. Pressure tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and attempted to pressure test casing to 800 psi in which it failed to hold pressure. TOOH and L/D setting tool. R/U wire line services. RIH and ran CBL from CR at 2135' to surface. CBL results were sent to BLM/NMOCD offices for review. R/U cementing services. Pumped plug #1 from 2135'-1900' to cover the Pictured Cliffs perforations and formation top, Fruitland and Kirtland formation tops. WOC 4 hours. TIH and tagged plug #1 top at 1905'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. R/U wire line services. RIH and perforated squeeze holes at 1865'. P/U CR, TIH and set at 1830'. R/U cementing services. Squeezed 68 sx of cement

through CR at 1830', stung out of CR and spotted 27 sx of cement on top of CR at 1830' to cover the Ojo Alamo formation top. WOC overnight. Darrell Priddy was BLM inspector on location.

**7/16/18**

Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 1450'. R/U wire line services. RIH and perforated squeeze holes at 408'. R/U cementing services. Successfully established circulation down through perforations at 408' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 408' and back around and out Bradenhead valve at surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD standards. Ran weighted tally tape down both casings and tagged cement 10' down in 8.5" surface casing and 84' down in 4.5" production casing. Ran ¾" poly pipe down both casings and topped-off well with 50 sx of cement. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL. Darrell Priddy was BLM inspector on location.

**Plug Summary:**

**Plug #1: (Pictured Cliffs Perforations and Formation Top, Fruitland and Kirtland Formation Tops 2135'-1905', 19 Sacks Class G Cement)**

Mixed 19 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs perforations, Fruitland and Kirtland formation tops.

**Plug #2: (Ojo Alamo Formation Top 1865'-1450', 95 Sacks Class G cement (Squeezed 68 sx))**

RIH and perforated squeeze holes 1865'. P/U CR, TIH and set at 1830'. Mixed 95 sx Class G cement and squeezed 68 sx below CR at 1830'. Stung out of CR and spotted 27 sx of cement on top of CR at 1830' to cover the Ojo Alamo formation top.

**Plug #3: (Nacimiento Formation Top and Surface Casing Shoe 408'-surface, 211 Sacks Class G Cement (50 sx for top-off))**

RIH and perforated squeeze holes at 408'. R/U cementing services. Successfully established circulation down through perforations at 408' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 408' and back around and out Bradenhead valve at surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD standards. Ran weighted tally tape down both casings and tagged cement 10'

down in 8.5" surface casing and 84' down in 4.5" production casing. Ran ¾" poly pipe down both casings and topped-off well with 50 sx of cement. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL.

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## Wellbore Diagram

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

### Plug 3

408 feet - Surface  
408 feet plug  
221 sacks of Class G Cement  
50 sacks for top-off

### Plug 2

1865 feet - 1450 feet  
415 feet plug  
95 sacks of Class G Cement  
68 sacks squeezed

### Plug 1

2135 feet - 1905 feet  
230 feet plug  
19 sacks of Class G Cement

### Surface Casing

8.625" 24# @ 225 ft

### Formation

Pictured Cliffs - 2190 ft

Retainer @ 2135 feet

### Production Casing

4.5" 10.5# @ 2455 ft



