

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC362
2. Name of Operator DJR OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 1600 BROADWAY SUITE 1600 DENVER, CO 80202		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-632-3476		8. Well Name and No. JICARILLA 362 GD 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T23N R4W NESW 1980FSL 1980FWL		9. API Well No. 30-039-23193-00-S1
		10. Field and Pool or Exploratory Area SOUTH LINDRITH
		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.

This subject well was P&A'd on 12/6/19 per attached EWO Report, plugged wellbore diagram and maker.

NMOC

DEC 10 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #494967 verified by the BLM Well Information System For DJR OPERATING LLC, sent to the Rio Puerco Committed to AFMSS for processing by JOE KILLINS on 12/09/2019 (19AMW0031SE)	
Name (Printed/Typed) ALICE MASCARENAS	Title REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 12/09/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JOE KILLINS Title PETROLEUM ENGINEER	Date 12/09/2019
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 \*\*

A

7

## **DJR Operating LLC**

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

**Jicarilla 362 GD #002**

**1980' FSL & 1980' FWL, Section 5, T23N, R4W**

**Rio Arriba County, NM / API 30-039-23193**

#### **Work Summary:**

- 11/17/19** Made BLM, NMOCD and Jicarilla P&A operations notifications at 9:00 AM MST.
- 11/18/19** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 440 psi, Bradenhead: 0 psi.
- 11/19/19** Checked well pressures: Tubing: 0 psi, Casing: 440 psi, Bradenhead: 0 psi. Bled down well. Unseat rod pump and L/D rod string and pump. N/D wellhead, N/U BOP and function tested. Released tubing anchor. Well came around. Closed BOP. Shut-in well for the day.
- 11/25/19** Checked well pressures: Tubing: 0 psi, Casing: 440 psi, Bradenhead: 0 psi. Bled down well. Bleeding down well took over an hour. Pumped 60 bls of fresh water down wellbore to kill well. L/D 48 joints of tubing. After L/D 48 joints of tubing attempted to pump down tubing but immediately pressured up. Bled down well. Used mud bucket and L/D 20 more joints of tubing full of oil. L/D the final 51 joints of tubing. Changed out BOP rams for 2-3/8" work string. Drain up equipment. Shut-in well for the day.
- 11/26/19** Checked well pressures: Tubing: 0 psi, Casing: 120 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and work string and tallied on the way in the wellbore. Round tripped casing scraper above top perforation at 5901'. Shut-in well because of high winds.
- 11/27/19** Checked well pressures: Tubing: 0 psi, Casing: 100 psi, Bradenhead: 0 psi. Bled down well. TOOH with casing scraper. P/U CR, TIH and set at 5434'. Pressure tested tubing to 1000 psi in which it successfully

held pressure. Stung out of CR and circulated the wellbore clean with 130 bbls of fresh water. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. Shut-in well due to high winds.

- 12/2/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wire line services. Ran CBL from CR at 5434' to surface. CBL results were sent to BLM/NMOCD offices for review. P/U cementing sub and TIH above CR at 5434'. Shut-in well for the day. Casey Arnett was BLM inspector on location.
- 12/3/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Circulated wellbore clean with 8 bbls of fresh water. Pumped plug #1 from 5434'-4620' to cover the Gallup perforations and formation top, Mancos and Point Lookout formation tops. WOC 4 hours. TIH and tagged plug #1 top at 4656'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. PUH. R/U cementing services. Pumped plug #2 from 4298'-4055' to cover the Mesa Verde(Menefee and Cliff House) formation top. WOC overnight. Shut-in well for the day. Casey Arnett was BLM inspector on location.
- 12/4/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 4051'. 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 3503'. P/U CR, TIH and set at 3450'. R/U cementing services. Attempted to establish injection rate through CR at 3450' and into perforations at 3503' but was unsuccessful. Stung out of CR. Pumped plug #3 from 3450'-3250' to cover the Chacra formation top. WOC overnight. L/D 8 joints of tubing. TOOH with 50 stands of tubing. Shut-in well for the day. Casey Arnett was BLM inspector on location.
- 12/5/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 3240'. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. TOOH with tubing. R/U wire line services. RIH and perforated squeeze holes at 2678'. P/U CR, TIH and set at 2645'. R/U cementing services. Successfully established injection rate through CR at 2645' and into perforations at 2678'. Squeezed 91 sx of cement through CR at 2645' and into perforations at 2678'. Stung out of CR and spotted 106 sx of cement on top of CR at 2645' inside casing to cover the Pictured Cliffs, Fruitland, DV Tool, Kirtland, and Ojo Alamo formation tops. WOC overnight. L/D 28 joints of tubing. Shut-in well for the day. Casey Arnett was BLM inspector on location.
- 12/6/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #4 top at 1828'. Pressure

tested casing to 800 psi in which it successfully held pressure. Loaded Bradenhead and attempted to pressure test to 300 psi in which it failed to hold pressure. R/U cementing services. Pumped plug #5 from 1171'-550' to cover the Nacimiento formation top. TOOH with tubing. R/U wire line services. RIH and perforated squeeze holes at 350'. Successfully established circulation down through perforations at 350' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 350' and back around and out Bradenhead valve at surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD/Jicarilla standards. Cement was at surface in surface casing and 3' down in production casing. Topped-off well with 38 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Casey Arnett was BLM inspector on location.

#### **Plug Summary:**

**Plug #1: (Gallup Perforations and Formation Top, Mancos and Point Lookout formation tops 5434'-4656', 93 Sacks Class G Cement)**

Mixed 93 sx Class G cement and spotted a balanced plug to cover the Gallup perforations and formation top, Mancos and Point Lookout formation tops.

**Plug #2: (Mesa Verde(Menefee and Cliff House) Formation Top 4298'-4051', 28 Sacks Class G cement)**

Mixed 28 sx Class G cement and spotted a balanced plug to cover the Mesa Verde(Menefee and Cliff House)formation top.

**Plug #3: (Chacra Formation Top 3450'-3240', 23 Sacks Class G cement)**

RIH and perforated squeeze holes 3503'. P/U CR, TIH and set at 3450'. Attempted to establish injection rate through CR at 3450' and into perforations at 3503' but was unsuccessful. Stung out of CR. Mixed 23 sx Class G cement and pumped plug #3 from 3450'-3250' to cover the Chacra formation top.

**Plug #4: (Pictured Cliffs, Fruitland, DV Tool, Kirtland, and Ojo Alamo Formation Tops 2678'-1828', 197 Sacks Class G Cement(Squeezed 91 Sacks)**

RIH and perforated squeeze holes 2678'. P/U CR, TIH and set at 2645'. Successfully established injection rate through CR at 2645' and into perforations at 2678'. Mixed 197 sx Class G cement and squeezed 91 sx through CR at 2645' and into perforations at 2678'. Stung out of CR and spotted 106 sx of cement on top of CR at 2645' inside casing to cover the Pictured Cliffs, Fruitland, DV Tool, Kirtland, and Ojo Alamo formation tops.

**Plug #5: (Nacimiento Formation Top 1171'-550', 70 Sacks Class G cement)**

Mixed 70 sx Class G cement and spotted a balanced plug to cover the Nacimiento formation top.

**Plug #6: (Surface Shoe 350'-surface, 178 Sacks Class G Cement, 38 Sacks for top-off)**

RIH and perforated squeeze holes at 350'. Successfully established circulation down through perforations at 350' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 350' and back around and out Bradenhead valve at surface. N/D BOP and cut-off wellhead. Installed P&A marker per BLM/NMOCD/Jicarilla standards. Cement was at surface in surface casing and 3' down in production casing. Topped-off well with 38 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

## Wellbore Diagram

Jicarilla 362 GD #002

API #: 3004523193

San Juan County, New Mexico

### Plug 6

350 feet - Surface

350 feet plug

178 sacks of Class G Cement

38 sacks for top-off

### Plug 5

1171 feet - 550 feet

621 feet plug

70 sacks of Class G Cement

### Plug 4

2678 feet - 1828 feet

850 feet plug

197 sacks of Class G Cement

91 sacks squeezed

### Plug 3

3450 feet - 3240 feet

210 feet plug

23 sacks of Class G Cement

### Plug 2

4298 feet - 4051 feet

247 feet plug

28 sacks of Class G Cement

### Plug 1

5434 feet - 4656 feet

778 feet plug

93 sacks of Class G Cement

### Surface Casing

8.625" 24# @ 231 ft

### Formation

Ojo Alamo - 2145 ft

Fruitland - 2538 ft

Pictured Cliffs - 2628 ft

Chacra - 3453 ft

Cliff House - 4155 ft

Menefee - 4235 ft

Point Lookout - 4770 ft

Mancos - 4990 ft

Gallup - 5818 ft

Dakota - 6941 ft





