

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Received  
8/3/2020FORM 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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM03453
2. Name of Operator DJR OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: SHAW-MARIE FORD E-Mail: sford@djrlc.com		7. If Unit or CA/Agreement, Name and/or No. 14080018240
3a. Address 1 ROAD 3263 AZTEC, NM 87410	3b. Phone No. (include area code) Ph: 505-632-3476	8. Well Name and No. DUFF FEDERAL COM 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 27 T24N R1W SWSE 990FSL 1825FEL 36.277357 N Lat, 106.927071 W Lon		9. API Well No. 30-039-05278-00-S1
		10. Field and Pool or Exploratory Area S BLANCO
		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
<i>BP</i>	<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.

The subject well was Plugged & Abandoned on July 10, 2020 per the attached End of Well Report, Wellbore Diagram, and Marker.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #524343 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 08/06/2020 (20JK0008SE)</b>	
Name (Printed/Typed) SHAW-MARIE FORD	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 08/05/2020

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

Approved By <b>ACCEPTED</b>	JOE KILLINS Title PETROLEUM ENGINEER	Date 08/06/2020
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 \*\***

AV

**Plug and Abandonment End of Well Report**

**for**

**DJR Operating, LLC**

**Duff Federal 2**

**API # 30-039-05278**

**SW/SE, Unit O, Sec. 27, T24N, R1W**

**Rio Arriba County, NM**

7-1-2020:

BLM and NMOCD notified of P&A operations to begin 7-6-2020.

7-6, 7, 8, 9 & 10-2020:

MIRU rig and cement equipment. SITP = 50 psi, SICP = 50 psi, BH = 50 psi. Run bit and scraper to 2976'. TOO H, TIH with 4 1/2" cement retainer, set at 2974'. TOO H with 95 jts 1" tubing. RIH with WL gauge ring to 2800'.

TIH with cement retainer and 2 3/8" workstring. Set cement retainer at 2974'.

Roll the hole and attempt to test casing, no test, pumping at 600 psi and 2.5 bpm. TOO H. RIH with WL and run CBL log from 2974' to surface. TOC found at 2410'. Reviewed CBL log and discussed with BLM representative, decided to combine the proposed plugs 2 and 3 into 1 large plug above the cement retainer.

PLUG 1: PICTURED CLIFFS. Mix and pump 6 sx class G cement through cement retainer to Pictured Cliffs perms, pressured up after 6 sx.

PLUG 2: PICTURED CLIFFS. Sting out of cement retainer, place 44 sx class G cement above cement retainer. WOC overnight. Tagged Plug 2 at 2370' with WL.

PLUG 3: NACIMIENTO. Perforate 3 holes at 1410'. POOH. TIH with cement retainer and 2 3/8" workstring. Set cement retainer at 1360'. Load and roll the hole. Attempt to pressure test casing, no test, injection rate as before. Mix and pump 44 sx class G + 2% CaCl<sub>2</sub> through cement retainer. Sting out of retainer and place 12 sx class G + 2% CaCl<sub>2</sub> on top of cement retainer. WOC 3 hrs. TIH to tag TOC, tagged up at 1360' on top of cement retainer. TOO H. WOC overnight for CBL. RIH with WL, tag at 1342'. Run CBL from 1342' to 1000'. No cement outside 4 1/2" casing. POOH. Pick up 4 1/2" packer on 2 3/8" workstring, set packer at 750', test below packer to 600 psi, good pressure test from 750' to 1342'. Test above packer from 750' to surface, no test. Move packer

to 180'. Test below packer, no test. Test above packer from 180' to surface, 600 psi, good test. (Casing leaks between 180' and 750'.) Discuss options with BLM representative.

PLUG 4: NACIMIENTO 2<sup>nd</sup> plug. RIH with WL, perforate 3 holes at 1330'. POOH. TIH with cement retainer and 2 3/8" workstring. Set cement retainer at 1296'. Load and roll the hole. Mix and pump 44 sx class G + 2% CaCl<sub>2</sub> through cement retainer. Sting out of retainer and place 12 sx class G + 2% CaCl<sub>2</sub> on top of cement retainer. WOC 3 hrs. TIH to tag TOC, tagged up at 1147'.

PLUG 5: SURFACE CASING SHOE to surface. RIH with WL and perforate 3 holes at 145'. POOH. Pump 15 bbl water down casing, good circulation out BH. Mix and pump 72 sx class G cement through holes at 145' to and out BH. Good circulation throughout. TOOH, SD overnight.

Cut off wellhead, found cement fall back at 37' inside 4 1/2" casing and 9' in 8 5/8" x 4 1/2" annulus.

Weld P&A marker in place.

PLUG 6: TOP OFF plug. MIX and pump 25 sx Class G cement down casing and 8 5/8 x 4 1/2" annulus.

P&A complete.

Release rig 7-10-2020.

**Note: All cement was Class G cement mixed at 15.8 ppg, yield 1.15 cu ft / sx.**

**Mark Decker was BLM inspector on location.**

**As P&A'd WBD and marker photo are attached.**

**GPS coordinates : Lat: 36.27791, Long: -106.92738**

# Actual Post P&A Wellbore Diagram

DJR Operating, LLC

Duff Federal Com # 2

API # 30-039-05278

SW/SE, Unit O, Sec 27, T24N, R01W

Rio Arriba County, NM

GL 7354'  
KB N/A  
Spud Date 12/13/1961

## Plug Detail

## FORMATION TOPS

San Jose	Surf
Nacimiento	1360'
Ojo Alamo	2630'
Kirtland	
Fruitland	2880'
Pictured Cliffs	2996'

## SURF CSG

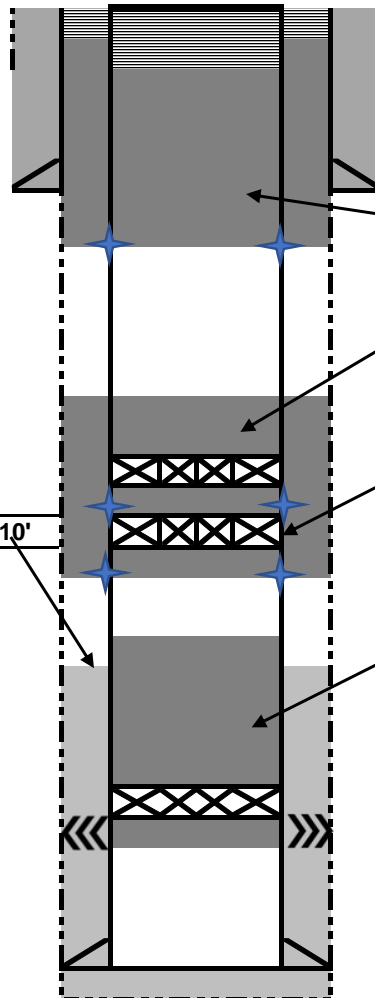
Hole size 12.25"  
Csg Size: 8.625"  
Wt: N/A  
Grade: N/A  
ID: 8.097" ?  
Depth 95'  
cap cf/ft: 0.3576 ?  
TOC: 75sx  
pumped

## PROD CSG

Hole size 7.875"  
Csg Size: 4.5"  
Wt: 9.5#  
Grade: N/A  
ID: 4.000"  
Depth 3035'  
cap cf/ft: 0.0912  
Csg/Csg 0.2471  
Ann, cf/ft:  
Csg/OH Ann,  
cf/ft: 0.2278  
TOC: 75 sx  
pumped

TOC from CBL 7-07-2020 2410'

PBTD ?  
TD 3035'



Plug 6: Top out. 37' in 4 1/2" csg, 9' in 8 5/8" x 4 1/2" annulus. 25 sx class G cement.

Plug 5: Surface shoe to surface. Perf at 145'. Mix and pump 72 sx class G cement, good circulation throughout.

Plug 4: Nacimiento (2nd plug), perfs at 1330', CR at 1276'. 44 sx through CR and outside / 12 sx inside, Class G cement. Tag at 1147'.

Plug 3: Nacimiento, perfs at 1410', CR at 1360'. 44 sx through CR & outside / 12 sx inside, Class G cement. Tag CR 1360'. CBL, no cement outside csg.

Plug 2: 2974' to 2370', Combined proposed plugs 2 and 3 into 1 larger plug. 44 sx class G cement from 2974' to 2370'. Tag at 2370'.

Plug 1: Mix and pump 6 sx Class G cement through CR, pressured up.  
Cement Retainer 2974'

Pictured Cliffs perfs 2996 to 3016'



