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Form 3160-5  
(March 2012)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014Farmington Field Office  
Bureau of Land ManagementSUNDRY 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.

5. Lease Serial No.

Contract 360

6. If Indian, Allottee, or Tribe Name

Jicarilla

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 K, Section 2, T-22N, R-03W 1850' FSL 1850' FWL

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

8. Well Name and No.

Bonanza No. 008

9. API Well No.

30-043-20653

10. Field and Pool, or Exploratory Area

West Lindrith Gallup Dakota

11. County or Parish, State

San Juan 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 recompleting 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 recompletion in a new interval, a Form 3160-4 must be filed if testing has been completed. Final Abandonment Notice 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 requests approval to plug and abandon this well per the attached procedure and wellbore diagram.  
Approved Reclamation Plan is attached.

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

NMOCD

FEB 18 2019

DISTRICT III

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

RE

Date

2/1/19

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

FHO

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 United States or its officers or employees to issue, publish, or disseminate any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Notify NMOCD 24 hours  
prior to beginning  
operations

NMOCD

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## **DJR Operating LLC**

### **Plug And Abandonment Procedure**

#### **Bonanza #008**

1850' FSL & 1850' FWL, Section 2, T22N, R3W

San Juan County, NM / API 30-043-20653

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 6768'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 6718'. 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 6718' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Jack Savage (BLM) at [jwsavage@blm.gov](mailto:jwsavage@blm.gov) and Brandon Powell at [Brandon.powell@state.nm.us](mailto: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 (**Dakota Perforations and Formation Top, 6718'-6668', 6 Sacks Class G Cement**)

Mix 6 sx Class G cement and spot a balanced plug inside casing to cover Dakota perforations and formation top.

10. Plug 2 (**Gallup Formation Top, 5705'-5555', 12 Sacks Class G Cement**)

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

11. Plug 3 (**Mancos Formation Top 4840'-4690', 12 Sacks Class G Cement**)

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

12. Plug 4 (**Mesa Verde(Cliffhouse, Menefee, Point Lookout) Formation Top 4700'-3950', 60 Sacks Class G Cement**)

Mix 60 sx Class G cement and spot a balanced plug inside casing to cover Mesa Verde(Cliffhouse, Menefee, Point Lookout) formation top.

13. Plug 5 (**Chacra Formation Top 3000'-2850', 12 Sacks Class G Cement**)

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

14. Plug 6 (**Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo Formation Tops 2508'-2115', 90 Sacks Class G Cement**)



RIH and perforate squeeze holes at 2508'. Establish injection rate into squeeze holes. RIH with 4-1/2" CR and set at 2458'. Mix 90 sx Class G cement. Squeeze 60 sx outside casing leaving 30 sx inside casing to cover the Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops.

**15. Plug 7 (Nacimiento formation top and Surface Shoe 600'-surface, 190 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 190 sx cement and spot a balanced plug from 600' 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 600' and the annulus from the squeeze holes to surface.

**16. 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

Bonanza #8  
API #: 3004320653  
San Juan, New Mexico

### Plug 7

600 feet - Surface  
600 feet plug  
190 sacks of Class G Cement

### Plug 6

2508 feet - 2115 feet  
393 feet plug  
60 sacks outside of casing  
30 sacks inside of casing

### Plug 5

3000 feet - 2850 feet  
150 feet plug  
12 sacks of Class G Cement

### Plug 4

4700 feet - 3950 feet  
750 feet plug  
60 sacks of Class G Cement

### Plug 3

4840 feet - 4690 feet  
150 feet plug  
12 sacks of Class G Cement

### Plug 2

5705 feet - 5555 feet  
150 feet plug  
12 sacks of Class G Cement

### Plug 1

6718 feet - 6668 feet  
50 feet plug  
6 sacks of Class G Cement

### Surface Casing

8.625" 23# @ 201 ft

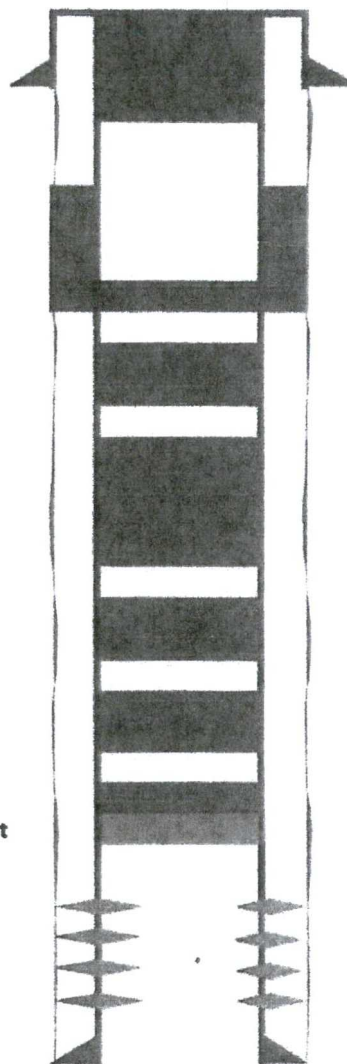
### Formation

Ojo Alamo - 2215 ft  
Kirtland - 2320 ft  
Fruitland - 2445 ft  
Pictured Cliffs - 2508 ft  
Lewis - 2645 ft  
Cliff House - 4050 ft  
Menefee - 4105 ft  
Point Lookout - 4650 ft  
Mancos - 4790 ft  
Gallup - 5655 ft  
Greenhorn - 6670 ft  
Graneros Shale - 6765 ft  
Dakota - 6865 ft

Retainer @ 6718 feet

### Production Casing

4.5" 11.6# @ 7049 ft



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: Bonanza 8

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 #5 (3408 – 3308) ft. to cover Chacra top. BLM picks top of Chacra at 3358 ft.
- b) Set Plug #6 (2649 – 2226) ft. to cover PC, Fruitland, Kirtland, and Ojo Alamo tops. BLM picks top of Pictured Cliffs at 2599 ft. BLM picks top of Ojo Alamo at 2276 ft.
- c) Add a cement plug (1035 – 935) ft. to cover Nacimiento top. BLM picks top of Nacimiento at 985 ft.
- d) Set Plug #7 (251 – 0) ft. to cover surface casing shoe. Top of surface shoe at 201 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](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto: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.

See Revised COAs

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3. The following modifications to your plugging program are to be made:

- a) Set Plug #1 (6718 – 6618) ft. to cover Dakota perforations top. Top of perforations at 6768 ft.
- b) Set Plug #5 (3408 – 3308) ft. to cover Chacra top. BLM picks top of Chacra at 3358 ft.
- c) Set Plug #6 (2649 – 2226) ft. to cover PC, Fruitland, Kirtland, and Ojo Alamo tops. BLM picks top of Pictured Cliffs at 2599 ft. BLM picks top of Ojo Alamo at 2276 ft.
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