

Well Name: BONANZA	Well Location: T22N / R3W / SEC 11 / NWSE / 36.149575 / -107.124066	County or Parish/State: SANDOVAL / NM
Well Number: 15	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC360	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004321187	Well Status: Producing Oil Well	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2765879

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 12/13/2023	Time Sundry Submitted: 11:41
Date proposed operation will begin: 12/13/2023	

**Procedure Description:** This request is being submitted for engineering & geological review prior to onsite inspection as approved by Dave M. of the BLM. DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

NOI\_PA\_BLM\_20231213114049.pdf

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Conditions of Approval

Specialist Review

General\_Requirement\_PxA\_20231213124217.pdf  
22N03W11\_BONANZA\_15\_Geo\_KR\_20231213124204.pdf  
2765879\_NOIA\_15\_3004321187\_KR\_12132023\_20231213124204.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHAW-MARIE FORD	Signed on: DEC 13, 2023 11:40 AM
Name: DJR OPERATING LLC	
Title: Regulatory Specialist	
Street Address: 1 ROAD 3263	
City: AZTEC	State: NM
Phone: (505) 632-3476	
Email address: SFORD@DJRLLC.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 12/13/2023
Signature: Kenneth Rennick	

**Plug and Abandonment Procedure  
for  
DJR Operating, LLC  
Bonanza 15  
API # 30-043-21187  
SHL: NW/SE, Unit J, Sec. 11, T22N, R3W  
BHL: SE/SE, Unit P, Sec. 11, T22N, R3W  
Sandoval County, NM**

*NOTE: 11/7/23 – 11/9/2023 The tubing was removed from this well, a WL junk basket was run and a WL-set CIBP was set at 7186’.*

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU PxA rig and equipment.
3. Check and record casing and bradenhead pressures.
4. ND WH, NU BOP, function test BOP.
5. PU workstring. TIH with tagging sub to 7186’.
6. Drop standing valve and pressure test tubing to 1000 psi. Recover standing valve.
7. Load and roll the hole.
8. PT the 5 ½” casing. If the PT fails, contact engineering.
9. Plug 1: Dakota: Mix and pump a balanced plug 100’ above the CIBP. Pull up hole, WOC 4 hours as per NMOCD directive.
10. TIH, tag Plug 1. If Plug 1 is at 7176’ or above, continue to step 11.
11. Pull up to 6280’.
12. Plug 2: Gallup formation top: Spot a balanced plug of 150’ from 6280’.
13. Pull up to 5265’.
14. Plug 3: Mancos formation top: Spot balanced plug of 150’ from 5265’.
15. Pull up to 4535’.
16. Plug 4: Mesa Verde formation top: Spot balanced plug of 150’ from 4535’.
17. Pull up to 3321’.

18. Plug 5: Chacra formation top: Spot a balanced plug of 150' from 3321'.
19. Pull up to 2843'.
20. Plug 6: Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops: Spot a balanced plug of 552' from 2843'.
21. Pull up to 1158'.
22. Plug 7: Nacimiento formation top: Spot a balanced plug of 150' from 1158'.
23. Pull up to 606'
24. Plug 8: Surface casing shoe to surface: Mix and pump a balanced plug from 606' to surface.
25. TOOH.
26. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement, as necessary. **Install surface P&A marker as per BIA requirements.** Record GPS coordinates for P&A marker and the Final P&A Report. Photograph the P&A marker and attach to the report.
27. Top off casings and cellar with cement as required.
28. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.
29. Send all reports and attachments to DJR Aztec office for regulatory filings.

**Note: All cement is to be Class G mixed at 15.8 ppg, yield 1.15 cu ft / sx. Cement volumes are based on inside capacities + 50' excess.**

**Surface PxA marker is to be installed at surface, 12"x18", and placed 1 to 2' below the proposed reclaimed GL surface.**

**Current Wellbore Diagram**  
**DJR Operating, LLC**  
**Bonanza 15**

API # 30-043-21187

SHL: NW/SE, Unit J, Sec 11, T22N, R3W

BHL: SE/SE, Unit P, Sec 11, T22N, R3W

Sandoval County, NM

GL            7196'  
 KB            7212'  
 Spud Date    12/8/2014

**SURF CSG**

Hole size: 12.25"  
 Csg Size: 8.625"  
 Wt: 24#  
 Grade: J-55  
 ID: 8.097"  
 Depth: 556'  
 Csg cap ft<sup>3</sup>: 0.3576  
 TOC: Surf

**FORMATION TOPS**

San Jose	Surface
Nacimiento	1108'
Ojo Alamo	2391'
Kirtland	2535'
Fruitland	2650'
Pictured Cliffs	2793'
Lewis	2886'
Chacra	3271'
Mesa Verde	4485'
Mancos	5215'
Gallup	6230'
Dakota	7226'

**PROD CSG**

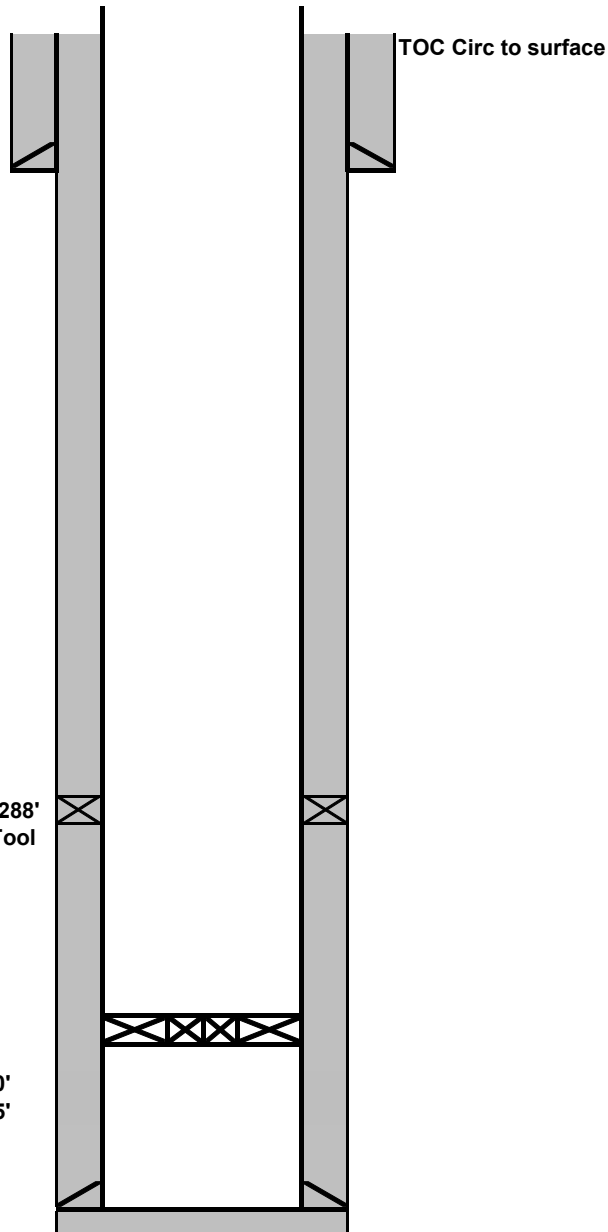
Hole size: 7.875"  
 Csg Size: 5.5"  
 Wt: 17#  
 Grade: J-55  
 ID: 4.892"  
 Depth: 7923'  
 Csg cap ft<sup>3</sup>: 0.1305  
 Csg/Csg Ann ft<sup>3</sup>: 0.1926  
 Csg/OH cap ft<sup>3</sup>: 0.1733  
 TOC: Stg 1 Circ cmt to surface  
 TOC: Stg 2 Circ cmt to surface

DV Tool at 5288'  
 TOC at DV Tool

CIBP 7186' 11-9-2023

Perfs 7367-7380'  
 7264-7305'

TVD 7496'  
 PBTD (MD) 7880'  
 MD 7939'



## Proposed Plug and Abandon

## DJR Operating, LLC

## Bonanza 15

API # 30-043-21187

SHL: NW/SE, Unit J, Sec 11, T22N, R3W

BHL: SE/SE, Unit P, Sec 11, T22N, R3W

Sandoval County, NM

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DV Tool at 5288'  
 TOC at DV Tool

CIBP 7186' 11-9-2023

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TVD 7496'  
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Plug 8: Surface casing shoe to surface: Mix and spot balanced plug from 606' to surface. Cut off WH, install P&A marker

Plug 7: Nacimiento: Mix and spot balanced plug of 150' from 1158'

Plug 6: Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo: Mix and spot balanced plug of 552' from 2843'

Plug 5: Chacra: Mix and spot balanced plug of 150' from 3321'

Plug 4: Mesa Verde: Mix and spot balanced plug of 150' from 4535'

Plug 3: Mancos: Mix and spot balanced plug of 150' from 5265'

Plug 2: Gallup: Mix and spot balanced plug of 150' from 6280'

Plug 1: Mix and spot balanced plug of 100' on top of CIBP

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2765879

Attachment to notice of Intention to Abandon

Well: Bonanza 15

**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 at (505) 564-7750.

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.

K. Rennick 12/13/2023

# BLM FLUID MINERALS P&A Geologic Report

**Date Completed:** 12/13/2023

Well No. Bonanza 15 (API 30-043-21187)	Location				
Lease No. JIC360	Sec. 11	T22N		R3W	
Operator DJR Operating LLC	County	Sandoval	State	New Mexico	
Total Depth 7939' (TD, MD)	7880' (PB, MD)	Formation	Gallup		
Elevation (GL) 7196'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm			1108		Possible freshwater sands
Ojo Alamo Ss			2391		Aquifer (possible freshwater)
Kirtland Shale			2535		
Fruitland Fm			2650		Coal/Gas/Possible water
Pictured Cliffs Ss			2793		Gas
Lewis Shale			2886		
Chacra			3271		Gas
Cliff House Ss			4485		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			5215		
Gallup			6230		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss			7226		O&G/Water

Remarks:

P & A

-- Array Compensated/ True Resistivity raster log available for the well. Confirms the formation tops provided by the operator.

**Prepared by: Kenneth Rennick**



**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

**4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 295492

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 295492
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	for record only	12/26/2023