

Well Name: BONANZA	Well Location: T22N / R3W / SEC 12 / SWSE / 36.1462146 / -107.104929	County or Parish/State: SANDOVAL / NM
Well Number: 6	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: 3004320521	Well Status: Oil Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2744153
Type of Submission: Notice of Intent
Date Sundry Submitted: 08/02/2023
Date proposed operation will begin: 08/02/2023
Type of Action: Plug and Abandonment
Time Sundry Submitted: 12:06

Procedure Description: This NOI to P&A is being submitted for engineering & geological review prior to onsite inspection as approved by Dave M. of the BLM. A Reclamation Plan will be submitted on a subsequent sundry at a later date. 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_20230802120559.pdf

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Conditions of Approval

Additional

PxA_22N03W12OKd_Bonanza_006_20230807160522.pdf

Authorized

General_Requirement_PxA_20230807162838.pdf

2744153_NOIA_6_3004320521_KR_08072023_20230807162827.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: AUG 02, 2023 12:06 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 Road 3263

City: AztecState: NM

Phone: (505) 632-3476

Email address: sford@djrlc.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: 08/07/2023

Signature: Kenneth Rennick

**Plug and Abandonment Procedure
DJR Operating, LLC
Bonanza 6
API # 30-043-20521
SW/SE, Unit O, Sec. 12, T22N, R3W
Sandoval County, NM**

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU P & A rig and equipment.
3. Check and record tubing, casing and bradenhead pressures.
4. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
5. MIRU hot oil unit, pump hot water to clear tubing of paraffin.
6. TOO H with rods and pump. Lay down to be sent in for storage/salvage.
7. ND WH, unset TAC, NU BOP, function test BOP.
8. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.
9. PU workstring. TIH with bit and scraper to 6929' or top of fill. TOO H.
10. TIH with tagging sub to 6929'.
11. Drop standing valve and pressure test tubing to 1000 psi. Recover standing valve.
12. Plug 1: Dakota formation top and perfs: Mix and pump a blind plug of 214' from 6929'.
13. Pull up hole, WOC. TIH, tag Plug 1. If Plug 1 is at 6765' or above, continue to step 14. .
14. Load and roll hole. PT casing if casing does not test contact engineering.
15. MIRU logging truck. Run CBL log from TOC to surface. Hold 600 psi on casing if possible. Electronic copy of CBL to be sent to; Monica Kuehling, NMOCD mkuehling@state.nm.us, Ken Rennick, krenneck@blm.gov, Scott Lindsay, DJR slindsay@djrlc.com, and Loren Diede, DJR ldiede@djrlc.com.
16. TIH to 5840'.
17. Plug 2: Gallup formation top: Spot a balanced plug of 150' from 5840'.
18. Pull up to 4930'.

19. Plug 3: Mancos formation top: Spot balanced plug of 150' from 4930'.
20. Pull up to 4170'.
21. Plug 4: Mesa Verde formation top: Spot balanced plug of 150' from 4170'.
22. Pull up to 3470'.
23. Plug 5: Chacra formation top: Spot a balanced plug of 150' from 3470'.
24. Pull up to 2664'.
25. Plug 6: Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo formation tops: Spot a balanced plug of 469' from 2664'.
26. Pull up to 1150'.
27. Plug 7: Nacimiento formation top: Spot a balanced plug of 150' from 1150'.
28. TOOH.
29. Plug 8: Surface casing shoe to surface: Perforate holes at 291', establish circulation out BH. Mix and pump cement to fill casing and 9.625' x 7" casing annulus down casing and out BH.
30. 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.
31. Top off casings and cellar with cement as required.
32. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.
33. 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 and outside capacities + 100% excess.

Surface PxA marker is to be installed at surface, 12"x18", and exposed at the reclaimed GL surface.

DJR Operating, LLC**Bonanza 6**

API: 30-043-20521

SW/SE, Unit O, Sec 12, T22N, R3W

Sandoval County, NM

GL 7247'
 KB 7260'
 Spud Date 9/9/1981

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: N/A
 Grade: J-55
 ID: 8.097"
 Depth 241'
 Csg cap ft³: 0.3576
 TOC: Surface

FORMATION TOPS

San Jose	Surface
Nacimiento	1105'
Ojo Alamo	2295'
Kirtland	2420'
Fruitland	2536'
Pictured Cliffs	2614'
Chacra	3420'
Mesa Verde	4120'
Mancos	4880'
Gallup	5790'
Dakota	6815'

PROD CSG

Hole size 7.875"
 Csg Size: 4.5"
 Wt: 10.5/11.6#
 Grade: K-55/N-80
 ID: 4.892"
 Depth 7089'
 Csg cap ft³: 0.1305
 Csg/Csg Ann ft³: 0.1926
 Csg/OH cap ft³: 0.1733
 TOC: Stg 1 5300' (Calc)
 TOC: Stg 2 3900' (Calc)
 TOC: Stg 3 1100' (TS)

DV Tool at 2735'

DV Tool at 4915'

Perfs 6820-6866'

Perfs 6920-6929'

PBSD 7065'

TD 7100'

Prod Tubing

NC, MA, PS, SN (6945'), 2-3/8" tbg. (EOT 6978'), TAC (6475').

Rod String

2X1-1/4X12X16 RHAC, 1"x12" lift sub, 3'x7/8" stabilizer, 3x1-1/4" K bars, 3'x7/8" stabilizer, 3x1-1/4" K bars, 35x3/4" rods with molded guides, 160x3/4" plain rods, 75x7/8" plain rods, 8', 6' ponies, 22' polished rod with 1 1/2" 12' liner.

**Proposed P&A Plugs
DJR Operating, LLC
Bonanza 6**

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SW/SE, Unit O, Sec 12, T22N, R3W
Sandoval County, NM

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DV Tool at 4915'

Perfs 6820-6866'

Perfs 6920-6929'
PBTD 7065'
TD 7100'

Top off: Cut off WH, check TOC.
Install P&A marker, top off casings and cellar with cement as needed.

Plug 8: Surface casing shoe: Perforate holes at 291', Establish circulation down casing and out BH. Pump and place cement plug down casing and out BH.

Plug 7: Nacimiento formation top: Mix and pump plug of 150' from 1150'.

Plug 6: Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo formation tops: Mix and pump balanced plug of 469' from 2664'.

Plug 5: Chacra formation top: Mix and pump balanced plug of 150' from 3470'.

Plug 4: Mesa Verde formation top: Mix and pump balanced plug of 150' from 4170'.

Plug 3: Mancos formation top: Mix and pump balanced plug of 150' from 4930'.

Plug 2: Gallup formation top: Mix and pump balanced plug of 150' from 5840'.

Run CBL from Plug 1 TOC to surface

Load and roll hole, PT casing

Plug 1: Dakota perfs and formation top: Mix and pump a blind plug of 214' plug from 6929'.

NOTE: Portions of the wellbore have not previously been CBL logged, cement coverage is unknown, a CBL will be run to determine how cement plugs are to be placed. Perforations and cement retainers, if needed, will be placed and cement plugs placed, (inside or inside/outside) in conformance with P&A requirements and COA.

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

AFMSS 2 Sundry ID 2744153

Attachment to notice of Intention to Abandon

Well: Bonanza 6

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 08/07/2023

BLM FFO Fluid Minerals P&A Geologic Report

AFMSS ID: 2744153

Date Completed: 8/7/2023

Well No.	Bonanza #006	SHL	790	FSL	1850	FEL
API No.	3004320521		Unit O	Sec. 12	T22N	R03W
Lease No.	JIC260	BHL	Same			
Operator	DJR Operating, LLC					
Elev. (KB)	7260	County	Sandoval	State	NM	
Total Depth	7100	PBTD	7065	Formation	Dakota/Graneros	

Formation Top	TVD (ft KB)	Remarks
San Jose Fm.	Surface	Surface/freshwater sands
Nacimiento Fm.	1105	Freshwater
Ojo Alamo Ss	2295	Freshwater
Kirtland Fm.	2420	Water/possible gas
Fruitland Fm.	2536	Coal/gas/water
Pictured Cliffs Ss	2614	Possible gas/water
Lewis Shale	2710	
Chacara	3420	Possible gas
Cliff House Ss	4120	Possible gas
Menefee Fm.	4170	Coal/possible gas/water
Point Lookout Fm.	4720	Possible gas/water
Mancos Shale	4880	Probable Oil & gas
Gallup	5790	Probable Oil & gas
Greenhorn Ls	6730	
Graneros Shale	6815	Oil & gas
Dakota Ss	6970	Oil & gas
Morrison Fm.		

Remarks:

Reference Well:

- Dakota/Graneros perms 6820' - 6929'.

1) Formation Tops
Same

Prepared by: Chris Wenman

**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 H₂S.

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 249357

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 249357
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Step 25 combining formations pc ftrlnd kirtland ojo can only be performed if cement on the outside of pipe and there is no pressure on bradenhead at surface - Notify NMOCD 24 hours prior to rig moving on.	8/24/2023