U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

# Sundry Print Report

08/10/2023

**Well Name:** MARTIN WHITTAKR

**Well Location:** T23N / R4W / SEC 19 / NESW /

**County or Parish/State:** SANDOVAL / NM

**Well Number:** 51

**Type of Well:** OIL WELL

**Allottee or Tribe Name:** JICARILLA APACHE

**Lease Number:** JIC45

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3004320726

**Well Status:** Producing Oil Well

**Operator:** DJR OPERATING LLC

## Notice of Intent

**Sundry ID:** 2744162

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 08/02/2023

**Time Sundry Submitted:** 12:11

**Date proposed operation will begin:** 08/02/2023

**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_20230802121135.pdf

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**US Well Number:** 3004320726

**Well Status:** Producing Oil Well

**Operator:** DJR OPERATING LLC

## Conditions of Approval

**Additional**

PxA_23N04W19KKd_Martin_Whittakr_051_20230809112444.pdf

**Authorized**

General_Requirement_PxA_20230809115734.pdf

2744162_NOIA_51_3004320726_KR_08092023_20230809115718.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 12:11 PM

**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:** 08/09/2023

**Signature:** Kenneth Rennick

**Plug and Abandonment Procedure**
**DJR Operating, LLC**
**Martin Whittaker 51**
**API # 30-043-20726**
**NE/SW, Unit K, Sec. 19, T23N, R4W**
**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. TOOH 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 6640' to tag PBTD. TOOH.
10. TIH with tagging sub to 6640'.
11. Drop standing valve and pressure test tubing to 1000 psi. Recover standing valve.
12. Plug 1: Dakota formation top and Semilla/Greenhorn : Mix and pump a blind plug of 87' from 6640'.
13. Pull up hole, WOC. TIH, tag Plug 1. If Plug 1 is at 6603' or above, continue to step 14.
14. Pull up to 5654'.
15. Plug 2: Gallup perfs, L Mancos perfs and Gallup formation top: Mix and spot a blind plug of 361' from 5654'.
16. Pull up hole, WOC. TIH, tag Plug 2. If Plug 3 is at 5263' or above, continue to step 17. TOOH.
17. TIH with tagging sub and tag TOC. Roll hole. Pressure test casing to 600 psi. If casing does not test, contact engineering. TOOH.
18. 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@djrllc.com, and Loren Diede, DJR ldiede@djrllc.com.

19. Plug 3: Mancos formation top, 7" casing shoe, and 4-1/2" liner top: Spot balanced plug of 248' from 4856'.

20. Pull up hole, WOC. TIH, tag Plug 3. If Plug 4 is at 4608' or above, continue to step 21.

21. Pull up to 3938'.

22. Plug 4: Mesa Verde formation top: Spot balanced plug of 150' from 3938'.

23. Pull up to 3223'.

24. Plug 5: Chacra formation top: Spot a balanced plug of 150' from 3223'.

25. Pull up to 2450'.

26. Plug 6: Pictured Cliffs formation top: Spot a balanced plug of 150' from 2450'.

27. Pull up to 2211'.

28. Plug 7: Fruitland, Kirtland and Ojo Alamo formation tops: Spot a balanced plug of 377' from 2211'.

29. Pull up to 763'.

30. Plug 8: Nacimiento formation top: Spot a balanced plug of 150' from 763'.

31. Plug 9: Surface casing shoe to surface: Perforate holes at 301', establish circulation out BH. Mix and pump cement to fill casing and 9.625' x 7" casing annulus down casing and out BH.

32. 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.

33. Top off casings and cellar with cement as required.

34. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.

35. 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.**

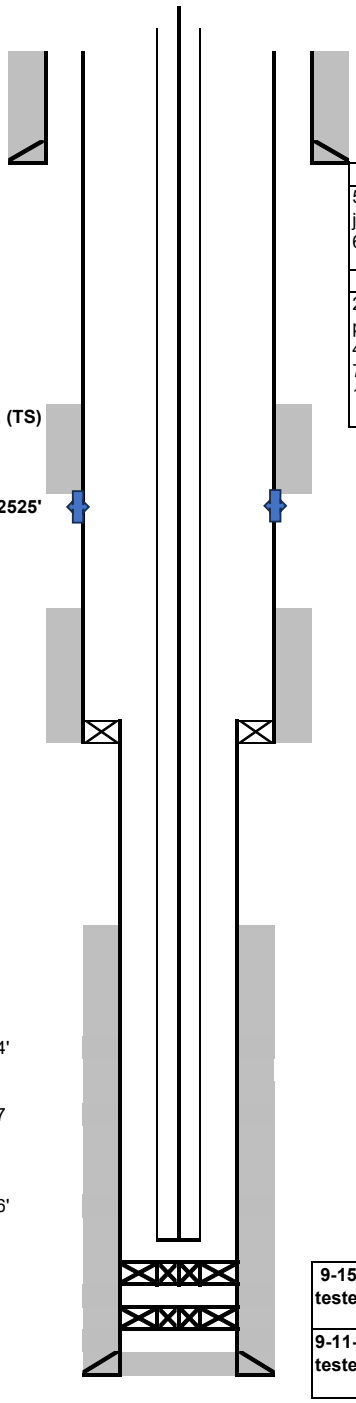
# Current Wellbore Diagram

## DJR Operating, LLC

### Martin Whittaker 51

**API # 30-043-20726**
**NE/SW, Unit K, Sec 19, T23N, R4W**
**Sandoval County, NM**

**GL 6953'**
**KB 6967**
**Spud Date 7/14/1984**



SURF CSG

| | |
|---|---|
| Hole size | 12.25" |
| Csg Size: | 9.625" |
| Wt: | 32# |
| Grade: | J-55 |
| ID: | 9.001 |
| Depth | 251' |
| Csg cap ft$^3$: | 0.4418 |
| TOC: | Circ to Surf |

PROD CSG

| | |
|---|---|
| Hole size | 8.75" |
| Csg Size: | 7" |
| Wt: | 23# |
| Grade: | J-55 |
| ID: | 6.366" |
| Depth | 4806' |
| Csg cap ft$^3$: | 0.2210 |
| Csg/Csg Ann ft$^3$: | 0.1668 |
| Csg/OH cap ft$^3$: | 0.1503 |
| DV Tool at 2866' | |
| TOC: Stg 1 | ? |
| TOC: Stg 2 (TS) | 1875' |

Liner

| | |
|---|---|
| Hole size | 6.25" |
| Csg Size: | 4.5" |
| Wt: | 11.6# |
| Grade: | N/A |
| ID: | 4.000 |
| Depth | 4658'-6842' |
| Csg cap ft$^3$: | 0.0872 |
| Csg/OH cap ft$^3$: | 0.1026 |
| TOC 5450' ? | |

FORMATION TOPS

| | |
|---|---|
| San Jose | Surface |
| Nacimiento | 713' |
| Ojo Alamo | 1934' |
| Kirtland | 2030' |
| Fruitland | 2161' |
| Pictured Cliffs | 2400' |
| Chacra | 3173' |
| Mesa Verde | 3888' |
| Mancos | 4733' |
| Gallup | 5393' |
| Dakota | 6653' |

**TOC 1875', (TS)**

**DV Tool at 2525'**

Liner top at 4658'
7" Casing shoe at 4806'

L Mancos/Gallup Perfs 5263-5654'

Gallup Perfs 5704-5847

Semilla/Greenhorn Perfs 6338-6596'

4-27-2018 PBTD 6640'

TD 6845'

**Tubing Detail:**

5-1-2018: 2-3/8": MA, PS, SN, 48 jts. TAC, 160 jts. 2-3/8" tbg. EOT 6604', SN 6569', TAC 5084'.

**Rod Detail:**

2x1-1/4"x8x9x13 RHAC-Z HVR pump, 4' stabilizer, 4 - 1 1/4" K Bars, 40 - 3/4" Guided, 140 - 3/4" plain, 77-7/8" plain, 2-, 8' pony, 1-4' pony, 22 ' 1 1/4" Polish rod with 10' liner .

**9-15-1984: Dakota perfs 6672-6677' tested and covered with BP at 6650'.**

**9-11-1984: Dakota perfs 6764-6817', tested and covered with BP at 6750'.**

**Proposed P&A Plugs**

## DJR Operating, LLC

**Martin Whittaker 51**

**API # 30-043-20726**
**NE/SW, Unit K, Sec 19 T23N, R4W**
**Sandoval County, NM**

**GL 6953'**
**KB 6967'**
**Spud Date 7/14/1984**

SURF CSG:

| | |
|---|---|
| Hole size | 12.25" |
| Csg Size: | 9.625" |
| Wt: | 32# |
| Grade: | J-55 |
| ID: | 9.001 |
| Depth | 251' |
| Csg cap ft$^3$: | 0.4418 |
| TOC: | Circ to Surf |

INTERMEDIATE CSG:

| | |
|---|---|
| Hole size | 8.75" |
| Csg Size: | 7" |
| Wt: | 23# |
| Grade: | J-55 |
| ID: | 6.366" |
| Depth | 4806' |
| Csg cap ft$^3$: | 0.2210 |
| Csg/Csg Ann ft$^3$: | 0.1668 |
| Csg/OH cap ft$^3$: | 0.1503 |
| TOC: Stg 1 | ? |
| TOC: Stg 2 (TS) | 1875' |

LINER:

| | |
|---|---|
| Hole size | 6.25" |
| Csg Size: | 4.5" |
| Wt: | 11.6# |
| Grade: | N/A |
| ID: | 4.000 |
| Depth | 4658-6842' |
| Csg cap ft$^3$: | 0.0872 |
| Csg/OH cap ft$^3$: | 0.1026 |

TOC 5450' ?

FORMATION TOPS

| | |
|---|---|
| San Jose | Surface |
| Nacimiento | 713' |
| Ojo Alamo | 1934' |
| Kirtland | 2030' |
| Fruitland | 2161' |
| Pictured Cliffs | 2400' |
| Chacra | 3173' |
| Mesa Verde | 3888' |
| Mancos | 4733' |
| Gallup | 5393' |
| Dakota | 6653' |

**TOC 1875' (TS)**

**DV Tool at 2525'**

Liner top at 4658'

7" Casing shoe at 4806'

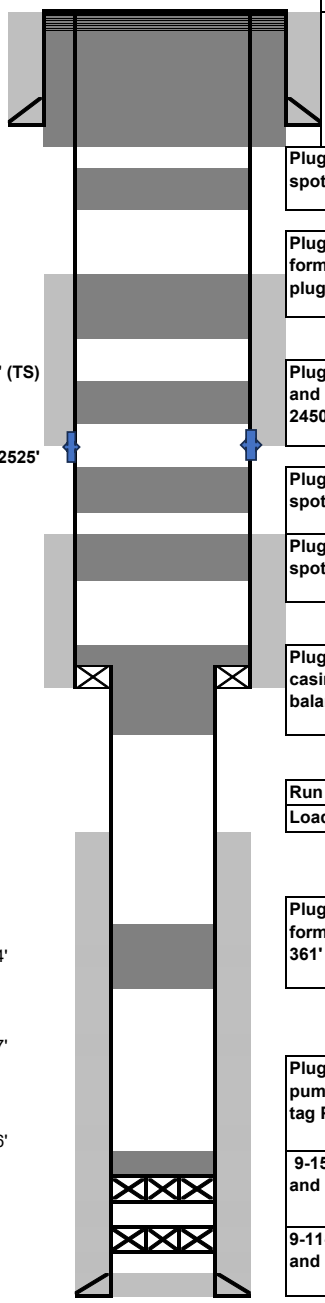
L Mancos/Gallup Perfs 5263-5654'

Gallup Perfs 5704-5847'

Semilla/Greenhorn Perfs 6338-6596'

4-27-2018: PBTD 6640'

TD 6845'



**Top off Plug: Cut off WH, install subsurface P&A marker, top off casings and cellar as needed.**

**Plug 9: Surface casing shoe: Perforate holes at 301', attempt to establish circulation down casing and out BH. Mix and pump cement as required to fill casing and 7" x 9.625" annulus.**

**Plug 8: Nacimiento formation top: Mix and spot a balanced plug of 150' from 763'.**

**Plug 7: Fruitland, Kirtland and Ojo Alamo formation tops: Mix and spot a balanced plug of 377' from 2211'.**

**Plug 6: Pictured Cliffs formation top: Mix and spot a balanced plug of 150' from 2450'.**

**Plug 5: Chacra formation top: Mix and spot a balanced plug of 150' from 3223'.**

**Plug 4: Mesa Verde formation top: Mix and spot a balanced plug of 150' from 3938'.**

**Plug 3: Mancos formation top, Intermediate casing shoe and liner top: Mix and spot a balanced plug of 248' from 4856'.**

**Run CBL from Plug 3 TOC to surface.**
**Load and roll hole, PT casing.**

**Plug 2: Gallup, L Mancos perfs and Gallup formation top: Mix and pump blind plug of 361' from 5654'. WOC, tag Plug 2.**

**Plug 1: Dakota formation top: Mix and pump blind plug of 87' from 6640'. WOC, tag Plug1.**

**9-15-1984: Dakota perfs 6672-6677' tested and covered with BP at 6650'.**

**9-11-1984: Dakota perfs 6764-6817', tested and covered with BP at 6750'.**

**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.**

# BLM FFO Fluid Minerals
# P&A Geologic Report

**AFMSS ID:** 2744162 **Date Completed:** 8/9/2023

| | | | | | | |
|---|---|---|---|---|---|---|
| Well No. | Martin Whittakr 051 | SHL | 1820 | FSL | 1030 | FWL |
| API No. | 3004320726 | | Unit K | Sec. 19 | T23N | R04W |
| Lease No. | JIC45 | BHL | Same | | | |
| Operator | DJR Operating, LLC | | | | | |
| Elev. (KB) | 6967 | County | Sandoval | | State | NM |
| Total Depth | 6845 PBTD 6640 | Formation | Dakota/Mancos/Gallup | | | |

| Formation Top | MD (ft KB) | Remarks |
|---|---|---|
| San Jose Fm. | Surface | Surface/freshwater sands |
| Nacimiento Fm. | 713 | Freshwater |
| Ojo Alamo Ss | 1934 | Freshwater |
| Kirtland Fm. | 2030 | Water/possible gas |
| Fruitland Fm. | 2161 | Coal/gas/water |
| Pictured Cliffs Ss | 2400 | Possible gas/water |
| Lewis Shale | | |
| Chacra | 3173 | Possible gas |
| Cliff House Ss | 3888 | Possible gas |
| Menefee Fm. | | Coal/possible gas/water |
| Point Lookout Fm. | | Possible gas/water |
| Mancos Shale | 4733 | Oil & gas |
| Gallup | 5393 | Oil & gas |
| Greenhorn Ls | 6551 | |
| Graneros Shale | 6630 | Oil & gas |
| Dakota Ss | 6653 | Oil & gas |
| Morrison Fm. | | |

Remarks:

- Gallup perfs 5704' - 5847'. Mancos perfs 5263' - 5654'.

Reference Well:

**1) Formation Tops**
Same

Prepared by: Chris Wenman

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

AFMSS 2 Sundry ID 2744162

Attachment to notice of Intention to Abandon

Well: Martin Wittakr 51

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 08/09/2023

# 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 $H_2S$.

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 250549

## CONDITIONS

| | |
|---|---|
| Operator:<br>DJR OPERATING, LLC<br>1 Road 3263<br>Aztec, NM 87410 | OGRID:<br>371838 |
| | Action Number:<br>250549 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| mkuehling | please include BIA approval for marker at surface in subsequent - approved for record | 8/25/2023 |