

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

<b>Well Name:</b> MARTIN WHITTAKER	<b>Well Location:</b> T24N / R4W / SEC 16 / SWNW / 36.3127468 / -107.2675379	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 55	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b> JICARILLA APACHE
<b>Lease Number:</b> JIC363	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3003923541	<b>Well Status:</b> Oil Well Shut In	<b>Operator:</b> DJR OPERATING LLC

**Notice of Intent**

**Sundry ID:** 2744166

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

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

**Time Sundry Submitted:** 12:15

**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\_20230802121441.pdf

Well Name: MARTIN WHITTAKER

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Lease Number: JIC363

Unit or CA Name:

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US Well Number: 3003923541

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

### Conditions of Approval

#### Additional

PxA\_24N04W16EKd\_Martin\_Whittaker\_055\_20230809124359.pdf

#### Authorized

General\_Requirement\_PxA\_20230809135439.pdf

2744166\_NOIA\_55\_3003923541\_KR\_08092023\_20230809135430.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 12:14 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 Road 3263

City: Aztec

State: 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: 08/09/2023

Signature: Kenneth Rennick

**Plug and Abandonment Procedure  
DJR Operating, LLC  
Martin Whittaker 55  
API # 30-039-23541  
SW/NW, Unit E, Sec. 16, T24N, R4W  
Rio Arriba 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 7194' or top of fill. TOOH.
10. TIH with tagging sub to 7194'.
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 297' from 7194'.
13. Pull up hole, WOC. TIH, tag Plug 1. If Plug 1 is at 6947' or above, continue to step 14.
14. Pull up to 5964'.
15. Plug 2: Gallup formation top: Mix and spot a blind plug of 150' from 5964'.
16. Pull up hole, WOC. TIH, tag Plug 2. If Plug 2 is at 5864' 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](mailto:mkuehling@state.nm.us), Ken Rennick, [krenneck@blm.gov](mailto:krenneck@blm.gov), Scott Lindsay, DJR [slindsay@djrlc.com](mailto:slindsay@djrlc.com), and [Loren Diede, DJR ldiede@djrlc.com](mailto:Loren Diede, DJR ldiede@djrlc.com).

19. Plug 3: Mancos formation top, 7" casing shoe, and 4-1/2" liner top: Spot balanced plug of 289' from 5165'.
20. Pull up hole, WOC. TIH, tag Plug 3. If Plug 3 is at 4926' or above, continue to step 24.
21. Pull up to 4412'.
22. Plug 4: Mesa Verde formation top: Spot balanced plug of 150' from 4412'.
23. Pull up to 3653'.
24. Plug 5: Chacra formation top: Spot a balanced plug of 150' from 3653'.
25. Pull up to 2795'.
26. Plug 6: Pictured Cliffs formation top: Spot a balanced plug of 150' from 2795'.
27. Pull up to 2552'.
28. Plug 7: Fruitland, Kirtland and Ojo Alamo formation tops: Spot a balanced plug of 339' from 2552'.
29. Pull up to 1308'.
30. Plug 8: Nacimiento formation top: Spot a balanced plug of 150' from 1308'.
31. Plug 9: Surface casing shoe to surface: Perforate holes at 332', 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 it to be installed at surface, 12"x18", and exposed at the reclaimed GL surface.**

**Current Wellbore Diagram**

**DJR Operating, LLC**

**Martin Whittaker 55**

API # 30-039-23541

SW/NW, Unit E, Sec 16, T24N, R4W

Rio Arriba County, NM

GL 6789'  
KB 6800'  
Spud Date 10/10/1984

SURF CSG

Hole size 12.25"  
Csg Size: 9.625"  
Wt: 32#  
Grade: J-55  
ID: 9.001  
Depth 282'  
Csg cap ft<sup>3</sup>: 0.4418  
TOC: Circ to Surf

FORMATION TOPS

San Jose Surface  
Nacimiento 1258'  
Ojo Alamo 2313'  
Kirtland 2375'  
Fruitland 2502'  
Pictured Cliffs 2745'  
Chacra 3603'  
Mesa Verde 4362'  
Mancos 5083'  
Gallup 5914'  
Dakota 6997'

PROD CSG

Hole size 8.75"  
Csg Size: 7"  
Wt: 23#  
Grade: J-55  
ID: 6.366"  
Depth 5115'  
Csq cap ft<sup>3</sup>: 0.2210  
Csq/Csq Ann ft<sup>3</sup>: 0.1668  
Csq/OH cap ft<sup>3</sup>: 0.1503  
DV Tool at 2866'  
TOC: Stg 1 ?  
TOC: Stg 2 (TS) 1250'

Liner

Hole size 6.25"  
Csg Size: 4.5"  
Wt: 11.6#  
Grade: N/A  
ID: 4.000  
Depth 4976'-7273'  
Csg cap ft<sup>3</sup>: 0.0872  
Csq/OH cap ft<sup>3</sup>: 0.1026  
TOC ?

TOC 1250', (TS)

DV Tool at 2866'

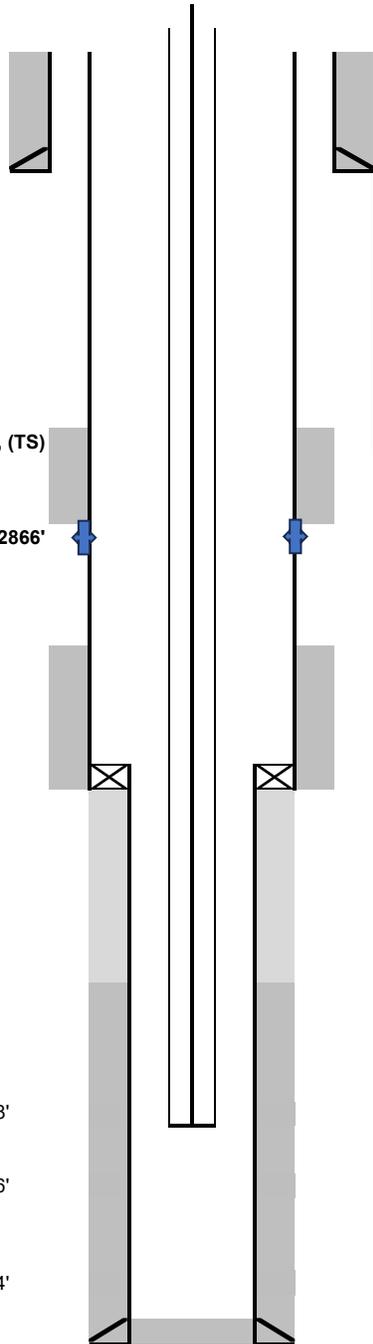
Liner top at 4976'  
7" Casing shoe at 5115'

Gallup Perfs 6066-6248'

Gallup Perfs 6895-7036'

Dakota Perfs 7144-7194'  
PBD 7230'  
TD 7284'

<p><b>Tubing Detail:</b> 6-21-2018: 2-3/8": NC, MA, PS, SN, 37 jts. TAC, 180 jts. 2-3/8" tbg. EOT 7147', SN 7110', TAC 5892'.</p>
<p><b>Rod Detail:</b> 2x1-1/4"x12x16 RHAC-Z HVR pump, 4' stabilizer, 4 - 1 1/4" K Bars, 25 - 7/8" Guided, 7 - 3/4" Guided, 194 - 3/4" plain, 6 - 3/4" Guided, 44 - 7/8" Guided, 8' pony, 4' pony, 22' 1 1/4" Polish rod with 10' liner .</p>



**Proposed P&A Plugs**  
**DJR Operating, LLC**  
**Martin Whittaker 55**  
 API # 30-039-23541  
 SW/NW, Unit E, Sec 16 T24N, R4W  
 Rio Arriba County, NM

GL 6789'  
 KB 6800'  
 Spud Date 10/10/1984

**SURF CSG:**  
 Hole size 12.25"  
 Csg Size: 9.625"  
 Wt: 32#  
 Grade: J-55  
 ID: 9.001  
 Depth 282'  
 Csg cap ft<sup>3</sup>: 0.4418  
 TOC: Circ to Surf

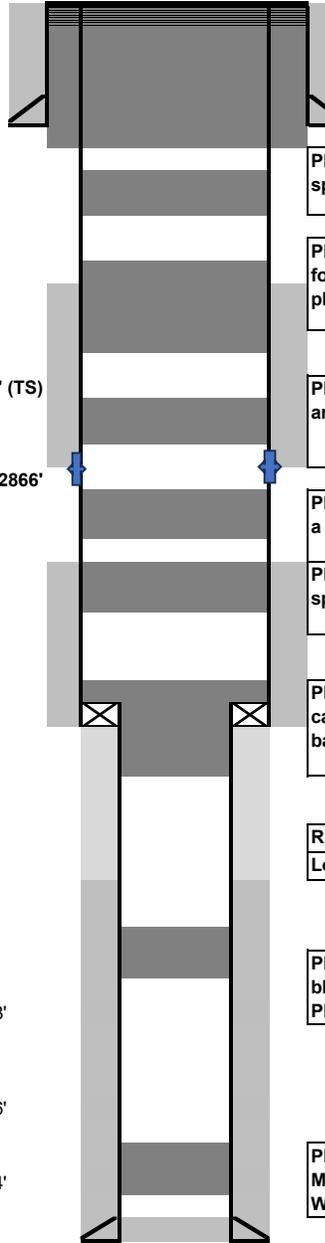
FORMATION TOPS	
San Jose	Surface
Nacimiento	1258'
Ojo Alamo	2313'
Kirtland	2375'
Fruitland	2502'
Pictured Cliffs	2745'
Chacra	3603'
Mesa Verde	4362'
Mancos	5083'
Gallup	5914'
Dakota	6997'

**INTERMEDIATE CSG:**  
 Hole size 8.75"  
 Csg Size: 7"  
 Wt: 23#  
 Grade: J-55  
 ID: 6.366"  
 Depth 5115'  
 Csa cap ft<sup>3</sup>: 0.2210  
 Csa/Csa Ann ft<sup>3</sup>: 0.1668  
 Csg/OH cap ft<sup>3</sup>: 0.1503  
 TOC: Stg 1 ?  
 TOC: Stg 2 (TS) 1250'

**LINER:**  
 Hole size 6.25"  
 Csg Size: 4.5"  
 Wt: 11.6#  
 Grade: N/A  
 ID: 4.000  
 Depth 4976-7273'  
 Csg cap ft<sup>3</sup>: 0.0872  
 Csg/OH cap ft<sup>3</sup>: 0.1026  
 TOC ?

Liner top at 4976'  
 7" Casing shoe at 5115'

Gallup Perfs 6066-6248'  
  
 Gallup Perfs 6895-7036'  
  
 Dakota Perfs 7144-7194'  
 PBTD 7230'  
 TD 7284'



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 332', 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 1308'.

Plug 7: Fruitland, Kirtland and Ojo Alamo formation tops: Mix and spot a balanced plug of 339' from 2552'.

Plug 6: Pictured Cliffs formation top: Mix and spot a balanced plug of 150' from 2795'.

Plug 5: Chacra formation top: Mix and spot a balanced plug of 150' from 3653'.

Plug 4: Mesa Verde formation top: Mix and spot a balanced plug of 150' from 4412'.

Plug 3: Mancos formation top, Intermediate casing shoe and liner top: Mix and spot a balanced plug of 289' from 5165'.

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

Plug 2: Gallup formation top: Mix and pump blind plug of 150' from 5964'. WOC, tag Plug 2.

Plug 1: Dakota perfs and formation top: Mix and pump blind plug of 297' from 7194'. WOC, tag Plug 1.

**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: 2744166

Date Completed: 8/9/2023

Well No.	Martin Whittaker #055	SHL	1740	FNL	960	FWL
API No.	3003923541		Unit E	Sec. 16	T24N	R04W
Lease No.	JIC363	BHL	Same			
Operator	DJR Operating, LLC					
Elev. (KB)	6800	County	Rio Arriba		State	NM
Total Depth	7284	PBTD	7230	Formation	Dakota/Gallup	

Formation Top	MD (ft KB)	Remarks
San Jose Fm.	Surface	Surface/freshwater sands
Nacimiento Fm.	990	Fresh or usable water
Ojo Alamo Ss	2313	Fresh or usable water
Kirtland Fm.	2420	Water/possible gas
Fruitland Fm.	2594	Coal/gas/water
Pictured Cliffs Ss	2745	Possible gas/water
Lewis Shale	2850	
Chacara	3603	Possible gas
Cliff House Ss	4362	Possible gas
Menefee Fm.	4410	Coal/possible gas/water
Point Lookout Fm.	4765	Possible gas/water
Mancos Shale	5083	Oil & gas
Gallup	5914	Oil & gas
Greenhorn Ls	6910	
Graneros Shale	6980	Oil & gas
Dakota Ss	6997	Oil & gas
Morrison Fm.		

Remarks:

Reference Well:

<p>- Dakota perms 7144' - 7194'. Gallup perms 6066' - 7036'.</p> <p style="background-color: yellow;">- Adjust Plug #2 or add a plug to cover the Gallup perms (6066' - 7036').</p> <p style="background-color: yellow;">- Adjust Plug #7 (Fruit/Kirt/Ojo) to cover BLM Fruitland pick @ 2594'.</p> <p style="background-color: yellow;">- Adjust Plug #8 (Nacimiento) to cover BLM pick @ 990'.</p>	<p><b>1) Formation Tops</b> Same</p>
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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 2744166

Attachment to notice of Intention to Abandon

Well: Martin Whittaker 55

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. The following modifications to your plugging program are to be made:
  - a. Adjust Plug #2 or add a plug to cover the Gallup perms (6066' - 7036').
  - b. Adjust Plug #7 (Fruit/Kirt/Ojo) to cover BLM Fruitland pick @ 2594'.
  - c. Adjust Plug #8 (Nacimiento) to cover BLM pick @ 990'.
3. 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<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 250547

**CONDITIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 250547
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	approved for record	8/25/2023