

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

Well Name: JICARILLA APACHE J	Well Location: T23N / R4W / SEC 4 / SWSW / 36.2483587 / -107.2673794	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC361	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003920022	Well Status: Gas Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2743593

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/31/2023

Time Sundry Submitted: 03:15

Date proposed operation will begin: 07/31/2023

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_20230731151325.pdf

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Operator: DJR OPERATING LLC

Conditions of Approval

Specialist Review

2743593_NOI_PnA_Jicarilla_Apache_J_1_3003920022_MHK_08012023_20230801104513.pdf

General_Requirement_PxA_20230801090214.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: JUL 31, 2023 03:15 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 08/01/2023

Signature: Matthew Kade

**Plug and Abandonment Procedure
DJR Operating, LLC
Jicarilla Apache J 1
API # 30-039-20022
SW/SW, Unit M, Sec. 4, T23N, 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. ND WH, NU BOP, function test BOP.
6. Pull all production tubing from the well.
7. PU workstring, TIH with workstring and 4 ½” casing scraper to 2750’. TOOH.
8. TIH, set 4 ½” cement retainer near 2746’.
9. Load and roll the hole with water. Pressure test 4 ½” casing.
10. Plug 1. Mix and pump a plug of 10 sx through the retainer and into the Pictured Cliffs perforations. Sting out of retainer and spot a plug of 6 sx above the retainer. Pull up hole to TOOH. WOC.
11. MIRU WL, run CBL from Plug 1 TOC to surface. Electronic copy of CBL to be sent to: Monica Kuehling, NMOCD, monica.kuehling@state.nm.us, Ken Rennick, krennick@blm.gov, Scott Lindsay, DJR slindsay@djrlc.com, Loren Diede, ldiede@djrlc.com. Or any other regulatory representatives as requested.
12. Plug 2. TOC of Plug 1: as determined from CBL: Mix and spot a balanced plug from the Plug 1 TOC depth to a depth TBD as per the CBL.
13. Plugs 3 +: Perforate as per CBL, set retainer(s), if needed and pump cement plugs inside/outside to cover formation tops to surface as per COA.
14. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement as necessary. Install subsurface P&A marker as per regulatory requirements. Record GPS

coordinates for P&A marker and the final P&A report. Photograph the P&A marker and attach to the report.

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

16. 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. Outside plugs will be determined once new CBL has been run.

DJR Operating, LLC
Current Wellbore Diagram
Jicarilla Apache J 1
 API # 30-039-20022
 SW/SW, Unit M, Sec 4, T23N, R4W
 Rio Arriba County, NM

GL 7068'
 KB 7080'
 Spud Date 5/8/1967

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 20#
 Grade: N/A
 ID: 8.191"
 Depth 126'
 casing cap ft³/ft: 0.3659
 TOC: Circulated to surface.

FORMATION TOPS

San Jose	Surface
Nacimiento	N/A
Ojo Alamo	2278'
Kirtland	2420'
Fruitland	2624'
Pictured Cliffs	2746'

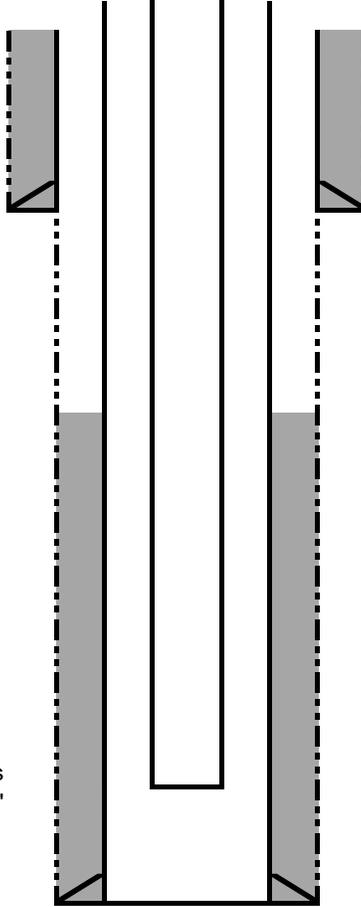
PROD CSG

Hole size 7.875"
 Csg Size: 4.5"
 Wt: 9.5#
 Grade: J-55
 ID: 4.090"
 Depth 2868'
 Casing cap ft³/ft: 0.0912
 Csg/csg Ann. ft³/ft 0.2471
 Csg/OH ft³/ft 0.2278
 TOC: 100 sx poz
 TOC ?

Calculated TOC 1000' ??

Pictured Cliffs perms
 2752'-2784'

PBTD 2830'
 TD 2870'



Tubing: 2 3/8" J-55 tbg from surface to a depth of 2764'.

DJR Operating, LLC
Proposed P & A Plugs
Jicarilla Apache J 1
 API # 30-039-20022
 SW/SW, Unit M, Sec 4, T23N, R4W
 Rio Arriba County, NM

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 KB 7080'
 Spud Date 5/8/1967

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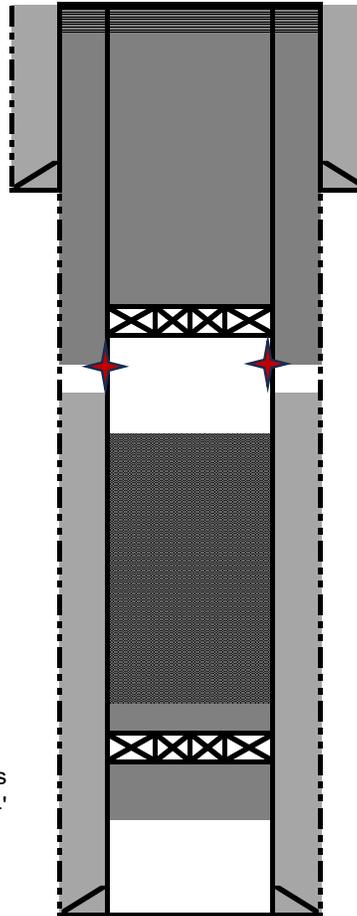
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 TOC ?

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 2752'-2784'

PBTD 2830'
 TD 2870'



Cut off WH, check TOC, install sub surface marker, top off casings and cellar as needed.

Perforated as per CBL, Set CR(s), if needed then mix and pump cement plugs inside/outside to cover formation tops as per COA.

Plug 2: Mix and pump balanced plug from TOC of Plug 1 to depth TBD from CBL.

Run CBL from 2670' to surface.

Plug 1: Pictured Cliffs: Set CR near 2746'. Mix and pump 10 sx through CR and into Pictured Cliffs perforations. Sting out of CR and place 6 sx above CR.

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

AFMSS 2 Sundry ID 2743593

Conditions of Approval to Notice of Intention to Plug and Abandon

Well: Jicarilla Apache J 1 (API#30-039-20022)

BLM agrees with DJR's provided Formation Tops and plan appears to include plugging full wellbore inside and outside to surface; no geology report was done.

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. Provide electronic copy of CBL to Matthew Kade, mkade@blm.gov, along with Ken Rennick.
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.

M. Kade 08/01/2023

**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 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) and 43 CFR 3172.12(a)(10). 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 246752

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 246752
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD 8/2/23. BLM approved P&A 8/1/23	8/2/2023