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

Sundry Print Report

01/25/2022

Well Name: JICARILLA APACHE A118	**Well Location:** T26N / R3W / SEC 26 / NENE /	**County or Parish/State:** RIO ARRIBA / NM
Well Number: 1	**Type of Well:** OIL WELL	**Allottee or Tribe Name:** JICARILLA APACHE
Lease Number: JIC118	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3003906312	**Well Status:** Producing Oil Well	**Operator:** DJR OPERATING LLC

Notice of Intent

Sundry ID: 2651517

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/06/2022

Time Sundry Submitted: 02:41

Date proposed operation will begin: 01/06/2021

Procedure Description: DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram. Subject well has a bradenhead failure, per Dave M. at the BLM, DJR is submitting this NOI without a Reclamation Plan in order to expedite the geology & engineering review process. When the Jicarilla Nation resumes onsite inspections, DJR will submit a subsequent sundry with Rec Plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Jicarilla_Apache_A_118_1_PA_Procedure_20220106144107.pdf

Jicarilla_Apache_A_118_1_Current_WBD_20220106144106.pdf

Jicarilla_Apache_A_118_1_Proposed_WBD_20220106144106.pdf

Jicarilla_A_118_1_BIA_Rationale_Form_20220106144106.pdf

Well Name: JICARILLA APACHE A118

Well Location: T26N / R3W / SEC 26 / NENE /

County or Parish/State: RIO ARRIBA / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC118

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003906312

Well Status: Producing Oil Well

Operator: DJR OPERATING LLC

Conditions of Approval

Additional Reviews

2651517_NOIA_A118_1_3003906312_KR_01252022_20220125083013.pdf

General_Requirement_PxA_20220125082952.pdf

26N03W26AKpc_Jicarilla_Apache_A118_1_20220114161550.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SHAW-MARIE FORD

Signed on: JAN 06, 2022 02:41 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

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: 01/25/2022

Signature: Kenneth Rennick

Plug and Abandonment Procedure

for

DJR Operating, LLC

Jicarilla Apache A 118 1

API 30-039-06312

NE/NE, Unit A, Sec. 26, T26N, R3W

Rio Arriba County, NM

I.

1. Hold pre-job meeting, comply with all NMOCD, BLM and environmental regulations.
2. Check and record tubing, casing, and bradenhead pressures.
3. 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.
4. ND WH, NU BOP, function test BOP.
5. Install tubing stop, to prevent plunger from travelling.
6. Trip out of hole with tubing. LD tubing to be sent in for storage/salvage.

II.

7. PU workstring, TIH with bit and scraper. Make sure that the bit and scraper will go to 3850'. TOOH.
8. Plug 1: Perforations: PU and TIH with 9-5/8" CR and set at +/- 3850'. Pressure test tubing to 1000 psi. Sting out of CR and pressure test casing to 600 psi. If casing doesn't test, contact engineering. Sting back into CR and attempt to squeeze 12 sx cement below CR. Sting out of CR and pump water to ensure that tubing is clear.
9. RIH with wireline and run GR/CCL/CBL from 3850' to surface. Electronic copy of CBL to be sent to: Ken Rennick krennick@blm.gov, Monica Kuehling mkuehling@state.nm.gov, Loren Diede DJR, ldiede@djrllc.com, and Scott Lindsay, DJR, slindsay@djrllc.com. P&A procedure may be modified as determined by the casing pressure test and the CBL log.
10. RD Wireline.

11. TIH with workstring. RU cement equipment.

12. Plug 2: Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo: With end of tubing near CR at 3850', mix and pump sufficient cement to bring TOC to 3455' inside 9-5/8" casing. PU and pump water to ensure that tubing is clear. TOOH.

13. Plug 3. Nacimiento: RU wireline. Perf holes at 1950' POOH. PU and TIH with 9-5/8" CR and set at +/- 1900'. Mix and squeeze sufficient cement to bring cement from 1950-1850' inside and outside 9-5/8" casing. PU and pump water to ensure that tubing is clear.

14. Plug 4: Surface casing shoe and surface plug. Perf holes at 302'. Tie onto 9-5/8" casing. Mix and pump sufficient cement to bring cement to surface inside and outside 9-5/8" casing.

15. RD cementing equipment. Cut off wellhead, fill 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.

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

17. 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. /sk. Cement volumes are based on inside capacities +50' 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

Jicarilla Apache A 118 1

API 30-039-06312
NE/NE, Unit A, Sec 26, T26N, R3W
Rio Arriba County, NM

GL	**7416'**
KB	**7427'**
Spud Date	**8/4/1957**

SURF CSG

Hole size	17.25"
Csg Size:	13.375"
Wt:	48#
Grade:	J-55
ID:	12.715"
Depth	252'
TOC:	Circulated cement to surface

INT CSG

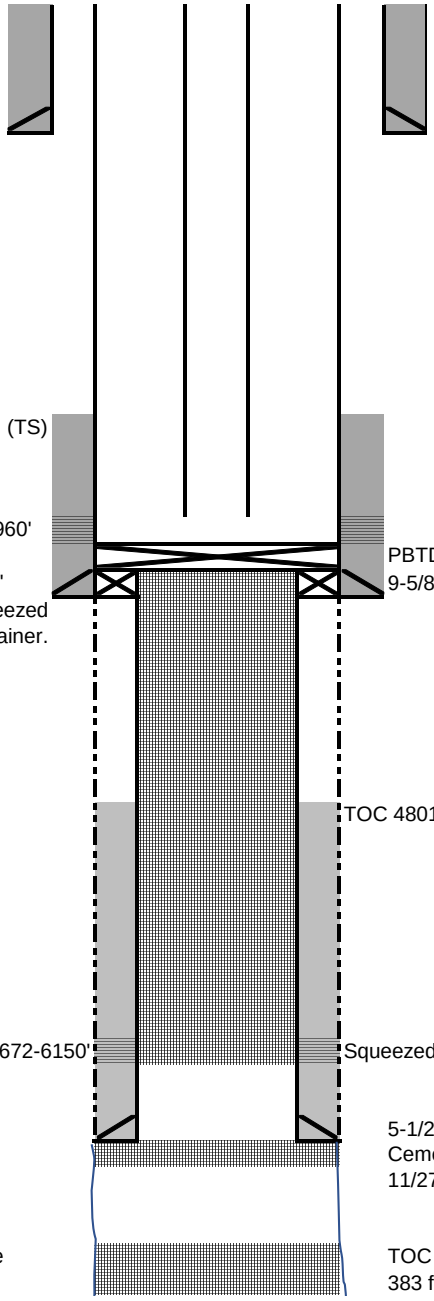
Hole size	12.25"
Csg Size:	9.625"
Wt:	36#
Grade:	J-55
ID:	8.921"
Depth	2164'
Csg/Csg Ann ft^3:	0.3765
Csg/OH cap ft^3:	0.3132
TOC:	3100' (TS)

Liner

Hole size	8.75"
Csg Size:	5.5"
Wt:	15.5#
Grade:	J-55
ID:	4.950"
Depth	4010-6224'
TOC:	4801' (Calc. 50% eff.)

625 sx

Prod Tubing Detail:
Tubing landed at 3824' KB according to 5/24/2000 workover. Well has plunger in it.



FORMATION TOPS

Nacimiento	**1900'**
Ojo Alamo	**3505'**
Kirtland	**3724'**
Fruitland	**3781'**
Pictured Cliffs	**3904'**
Chacra	**4876'**
Mesa Verde	**5602'**
Mancos	**6220'**
Gallup	**7250'**
Dakota	**8205'**

Current Wellbore Diagram

DJR Operating, LLC

Jicarilla Apache A 118 1

API 30-039-06312
NE/NE, Unit A, Sec 26, T26N, R3W
Rio Arriba County, NM

GL	**7416'**
KB	**7427'**
Spud Date	**8/4/1957**

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Csg/OH cap ft^3:	0.3132
TOC:	3100' (TS)

Liner

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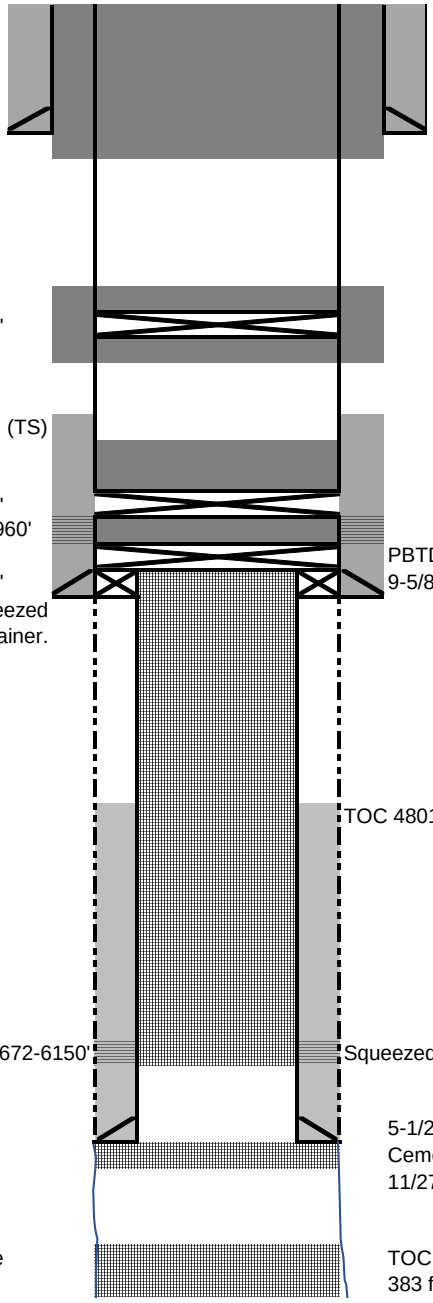
Wt:	15.5#
Grade:	J-55
ID:	4.950"
Depth	4010-6224'
TOC:	4801' (Calc. 50% eff.)



Plug 3: Surface casing shoe, surface: Perf holes at 302'. Tie onto 5-1/2" casing. Mix and pump sufficient cement to bring cement from 302' to surface, inside and outside.

Plug 2: Nacimiento: Perf holes at 1950'. Set CR at 1900'. Mix and squeeze sufficient cement to bring cement from 1950-1850' inside and outside.

Plug 1: Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo: Spot sufficient cement on top of existing CR at 3983' to bring TOC to 3455'.

PBTD: Cement Retainer at 3983'
9-5/8" set at 4094'

FORMATION TOPS

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Squeezed cement to bottom perfs: 1/9/1958

5-1/2" liner 4010-6224'
Cement plug from 6230-6455'
11/27/1957

TOC 8000'
383 ft3 cement in open hole

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), five copies, 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.

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

AFMSS 2 Sundry ID 2651517

Attachment to notice of Intention to Abandon

Well: Jicarilla Apache A118 1

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.

3. The following modifications to your plugging program are to be made:
   a. Plug 3 (Nacimiento): Bring the bottom of the plug down to 1800 feet to cover the BLM pick for the formation top.

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 1/25/2022

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 01/14/2022

Well No. Jicarilla Apache A118 #1 (API# 30-039-06312)		Location	1130 FNL	&	1130 FEL	
Lease No. JIC118		Sec. 26	T26N		R03W	
Operator DJR Operating, LLC		County	Rio Arriba	State	New Mexico	
Total Depth 8646’	PBTD 3983’	Formation	Pictured Cliffs			
Elevation (GL) 7416’		Elevation (KB)	7427’			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm	Surface	1850			Surface/freshwater sands
Nacimiento Fm	1850	3505			Possible freshwater sands
Ojo Alamo Ss	3505	3720			Aquifer (possible freshwater)
Kirtland Shale	3720	3788			
Fruitland Fm	3788	3900			Coal/Gas/Possible water
Pictured Cliffs Ss	3900	PBTD			Gas
Lewis Shale					
Chacra					Gas
Cliff House Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale					
Gallup					O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

- Formation tops were estimated using reference well #1 and data from original well drilling.
- BLM estimate for the Nacimiento formation top varies from Operator pick.
- Bring the top of Plug #3 (Nacimiento) up to 1800’ to cover BLM formation top pick.
- The plugs proposed in the P&A procedure, with changes recommended above, will adequately protect any freshwater sands in this well bore.
- Pictured Cliffs perfs 3888’ – 3960’.

Reference Well:
1) **Formation Tops**
DJR Operating, LLC
Jicarilla 118B 1
1990’ FNL, 470’ FEL
Sec. 26, T26N, R03W
GL 7425’ KB 7432’

Prepared by: *Chris Wenman*

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 74988

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 74988
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/28/2022
kpickford	CBL required	1/28/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	1/28/2022