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

Sundry Print Report

03/18/2022

Well Name: JICARILLA 430	**Well Location:** T23N / R5W / SEC 25 / SENE /	**County or Parish/State:** SANDOVAL / NM
Well Number: 12	**Type of Well:** OIL WELL	**Allottee or Tribe Name:** JICARILLA APACHE
Lease Number: JIC430	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3004320791	**Well Status:** Producing Oil Well	**Operator:** DJR OPERATING LLC

Notice of Intent

Sundry ID: 2661618

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/11/2022

Time Sundry Submitted: 11:10

Date proposed operation will begin: 03/11/2022

Procedure Description: This NOI to P&A is being submitted for engineering & geological review per Dave M. of the BLM prior to onsite inspection. 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

Jicarilla_430_12_Proposed_WBD_20220311111003.pdf

PxA_Procedure_Jicarilla_430_12_20220311111003.pdf

Jicarilla_430_12_BIA_Rationale_Form_20220311111003.pdf

Jicarilla_430_12_Current_WBD_20220311111003.pdf

CONFIDENTIAL

Released to Imaging: 3/21/2022 11:45:06 AM

Well Name: JICARILLA 430

Well Location: T23N / R5W / SEC 25 / SENE /

County or Parish/State: SANDOVAL / NM

Well Number: 12

Type of Well: OIL WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC430

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004320791

Well Status: Producing Oil Well

Operator: DJR OPERATING LLC

Conditions of Approval

Additional Reviews

2661618_NOIA_430_12_3004320791_KR_03172022_20220317172704.pdf

General_Requirement_PxA_20220317172656.pdf

23N05W25HKg_Jicarilla_430_12_20220317163212.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: MAR 11, 2022 11:10 AM

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: 03/17/2022

Signature: Kenneth Rennick

Released to Imaging: 3/21/2022 11:45:06 AM

Plug and Abandonment Procedure

for

DJR Operating, LLC

Jicarilla 430 12

API 30-043-20791

SE/NE, Unit H, Sec. 25, T23N, R5W

Sandoval County, NM

I.

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU prep rig.
3. Check and record tubing, casing and bradenhead pressures.
4. Trip and recover plunger.
5. 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.
6. MIRU hot oil unit, pump hot water to clear tubing of paraffin.
7. Trip out of hole with rods and pump. Lay down to be sent for storage/salvage.
8. ND WH, NU BOP, function test BOP.
9. After initial freepoint, tubing appears to be stuck 2 joints above TAC. RU wireline and run new freepoint with high quality collar locater.
10. Based on freepoint results, cut off tubing below anchor to allow tailpipe to drop. Cut tubing again above freepoint. RD wireline. TOOH with tubing. LD tubing to be sent in for salvage.
11. TIH with workstring and wash over top of TAC. Attempt to jar loose and recover cut-off stub. TOOH.
12. TIH with workstring and fish tailpipe. TOOH.

13. MIRU P&A rig and equipment. PU workstring. TIH with bit and **scraper** (NOT MILL) and make sure that they will go past 5540'. TOOH.

14. PU and TIH with 4-1/2" CR and set at 5540'. Pressure test the tubing to 1000 psi.

15. Plug 1: Gallup and Lower Mancos perfs: RU cement equipment. Establish rate. Squeeze below CR with 60 sx. Spot plug on top of CR from 5540-5510'. Pump water to ensure tubing is clear.

16. Plug 2: Upper Gallup perfs: Set CR at 5100'. Squeeze below CR with 30 sx. Sting out and spot 50' plug on top of CR. WOC. Tag TOC. Pressure test casing to 600 psi. If casing does not test, contact engineering. TOOH.

17. RU and RIH with wireline and run CBL from top of cement 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.

18. Plug 3: Mancos top: Mix and pump a balanced plug from 4780-4680'. Pump water to ensure tubing is clear.

19. Plug 4. Mesa Verde: Mix and pump a balanced plug from 3879-3779'. Pump water to ensure tubing is clear.

20. Plug 5: Chacra: Perf holes at 3265'. Set CR at 3215'. Mix and pump sufficient volume to bring TOC to 3165' inside and outside. Pump water to ensure tubing is clear.

21. Plug 6. Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo: Mix and pump balanced plug from 2370-1840'. Pump water to ensure tubing is clear. TOOH.

22. Plug 7: Nacimiento, surface casing shoe, and surface: Perf holes at 562'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring cement to surface inside and outside.

23. 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.

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

25. 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

Jicarilla 430 12

API # 30-043-20791
SE/NE, Unit H, Sec 25, T23N, R5W
Sandoval County, NM

GL	**6973'**
KB	**6986'**
Spud Date	**11/17/1985**

SURF CSG

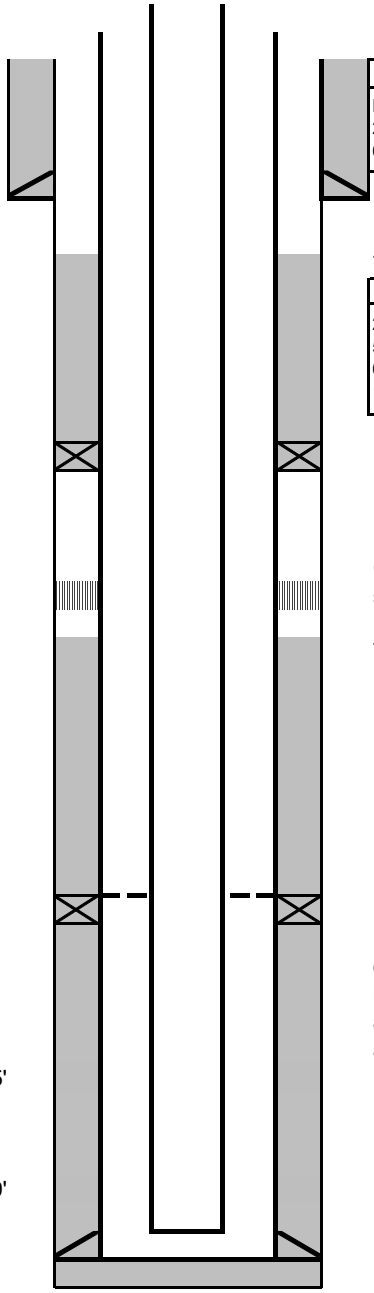
Hole size	12.25"
Csg Size:	8.625"
Wt:	24#
Grade:	J-55
ID:	8.097"
Depth	214'
Csg cap ft^3:	0.3576
TOC:	Surface

PROD CSG

Hole size	7.875"
Csg Size:	4.5"
Wt:	10.5
Grade:	K-55
ID:	4.052"
Depth	6427'
Csg cap ft^3:	0.0895
Csg/Csg Ann ft^3:	.2471'
Csg/OH cap ft^3:	0.2278
TOC: Stg 1 (CBL)	5031'
TOC: Stg 2 (CBL)	3545'
TOC: Stg 3 (Calc.)*	661'
(*50% Efficiency)	

FORMATION TOPS

Nacimiento	512'
Ojo Alamo	1890'
Kirtland	2060'
Fruitland	2220'
Pictured Cliffs	2320'
Lewis	2431'
Chacra	3215'
Mesa Verde	3829'
Mancos	4730'
Gallup	5560'



Prod Tubing Detail:
MA, PS, SN, 40 jts. 2-3/8", TAC, 157 jts. 2x10' subs, 1 jt. 2-3/8, EOT 6345'. SN 6313'. TAC 5071'.

TOC 661' (Calc.)

Rod Detail:
2x1-1/4x9x13 RHAC, 6x1-1/4" sinker bars, 51x3/4" guided rods, 199x3/4" plain rods, 6',4',2' ponies, 1-1/4"x21' polished rod with 10' liner.

DV Tool at 2604'

Csg leaks 3300-57'. Sqz'd with 50 sx 3/93

TOC 3545' (CBL)

DV Tool at 5031'
Unable to release tubing anchor during 2021 workover. Freepoint indicates stuck between 5014' and 5032'. Used power swivel to attempt to free up, but was unsuccessful.

Perfs 5123-5475'

Perfs 5567-6319'

PBTD 6385'
TD 6429'

Proposed P&A Wellbore Diagram

DJR Operating, LLC

Jicarilla 430 12

API # 30-043-20791
SE/NE, Unit H, Sec 25, T23N, R5W
Sandoval County, NM

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(TOC at 50% Efficiency)	

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Csg leaks 3300-57'. Sqz'd with 50 sx 3/93

CR at 5100'

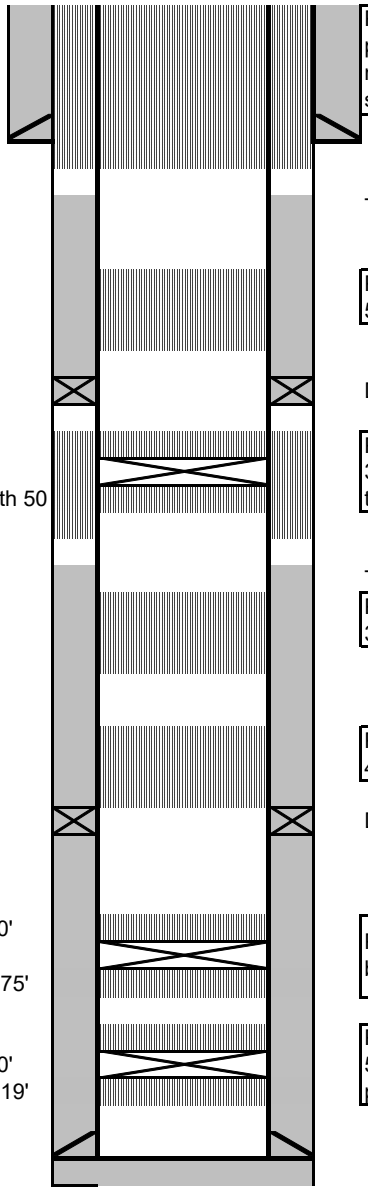
Perfs 5123-5475'

CR at 5540'

Perfs 5567-6319'

PBTD 6385'

TD 6429'



Plug 7: Nacimiento, surface casing shoe, surface plug: Perf holes at 562'. Tie onto 4-1/2" casing and mix and pump sufficient volume to bring cement to surface inside and outside.

TOC 661' (Calc.)

Plug 6: Pictured Cliffs, Fruitland, Ojo Alamo: Pump 527' balanced plug from 2370-1840'.

DV Tool at 2604'

Plug 5: Chacra: Perf holes at 3265'. Set CR at 3215'. Mix and pump sufficient volume to bring TOC to 3165' inside and outside.

TOC 3545' (CBL)

Plug 4: Mesa Verde: Pump 100' balanced plug from 3879-3779'.

Plug 3: Mancos: Pump 100' balanced plug from 4780-4680'.

DV Tool at 5031'

Plug 2: Upper Gallup perfs: Set CR at 5100'. Sqz below CR with 30 sx. 50' on top of CR.

Plug 1: Gallup and Lower Mancos perfs: Set CR at 5540'. Sqz below CR with 60 sx. Spot balanced plug from 5540' to 5510'.

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

AFMSS 2 Sundry ID 2661618

Attachment to notice of Intention to Abandon

Well: Jicarilla 430 12

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. Adjust Plug #5 (Chacra), or add a plug, to cover the BLM formation top pick at 2708'.

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 3/17/2022

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.

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 3/17/2022

Well No. Jicarilla 430 #12 (API# 30-043-20791)		Location	1980 FNL	&	990 FEL	
Lease No. JIC430		Sec. 25	T23N		R05W	
Operator DJR Operating, LLC		County	Sandoval	State	New Mexico	
Total Depth 6429’	PBTD 6385’	Formation	Mancos/Gallup			
Elevation (GL) 6973’		Elevation (KB)	6986’			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm			Surface	512	Surface/freshwater sands
Nacimiento Fm			512	1890	Freshwater sands
Ojo Alamo Ss			1890	2060	Aquifer (possible freshwater)
Kirtland Shale			2060	2220	
Fruitland Fm			2220	2320	Coal/Gas/Possible water
Pictured Cliffs Ss			2320	2431	Gas
Lewis Shale			2431	2708	
Chacra			2708	3829	Gas
Cliff House Ss			3829	3880	Water/Possible gas
Menefee Fm			3880	4500	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4500	4730	Probable water/Possible O&G
Mancos Shale			4730	5560	
Gallup			5560	PBTD	O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

- BLM pick for the Chacra formation top varies from Operator submission.
- Adjust Plug #5 (Chacra), or add a plug, to cover BLM formation top pick at 2708’.
- The plugs proposed in the P&A procedure will adequately protect any freshwater sands in this well bore.
- Mancos/Gallup perfs 5123’ – 5475’, 5567’ – 5827’, and 6309’ – 6319’.

Reference Well:
1) **Formation Tops**
Same

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 91231

CONDITIONS

Operator:	OGRID:
DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	371838
	Action Number: 91231
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/21/2022
kpickford	CBL required	3/21/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	3/21/2022