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

Sundry Print Report

12/06/2021

Well Name: JICARILLA FLORANCE `D`

Well Location: T23N / R4W / SEC 6 / NWNE /

County or Parish/State: RIO ARRIBA / NM

Well Number: 4

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC362

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003908080

Well Status: Gas Well Shut In

Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2631647

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/31/2021

Time Sundry Submitted: 02:09

Date proposed operation will begin: 08/31/2021

Procedure Description: DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram and Reclamation Plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Jicarilla_Florance_D_4_Rec_Plan_20210831140936.pdf

Jicarilla_Florance_D_4_PxA_Procedure_20210831140935.pdf

Jicarilla_Florance_D_4_Proposed_WBD_20210831140935.pdf

Jicarilla_Florance_D_4_Current_WBD_20210831140935.pdf

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20211206081833.pdf

2631647_NOIA_D_4_3003908080_KR_12062021_20211206081808.pdf

23N04W06BKpc_Jicarilla_Florance_D_4_20211203140942.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: AUG 31, 2021 02:09 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: 12/06/2021

Signature: Kenneth Rennick

Plug and Abandonment Procedure

for

DJR Operating, LLC

Jicarilla Florance D # 4

API # 30-039-08080

NW/NE, Unit B, Sec. 6, T23N, R04W

Rio Arriba County, NM

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. RU up cement equipment. Pump water to assure that tubing is clear and that we can inject into the PC perfs. Watch 2 7/8" annulus for pressure or flow.

6. Plug 1: Pictured Cliffs perfs, Fruitland and Kirtland tops. Mix and pump 25 sx class G cement, displace with 11 bbl water. SD, WOC.

7. MIRU wireline truck. RIH and tag TOC inside 2 7/8". If TOC is above 2130', proceed to step 8.

8. RIH with free point tool and find 2 7/8" free point. The calculated TOC outside the 2 7/8" is estimated to be +/- 2000'.

9. RIH with 2 7/8" tubing cutter and cut 2 7/8" tubing. Pull tubing and LD to be sent into town.

10. PU and TIH with 2 3/8" workstring to top of remaining 2 7/8".

11. Plug 2: Ojo Alamo, mix and pump a balanced plug of 28 sx Class G cement to place a plug from the top of 2 7/8" to 1935'.

12. Pull up hole and WOC.

13. TIH and tag plug 2.

14. Pull up to 615'.

15. Plug 3. Nacimiento and surface casing shoe. From 615' to surface, mix and pump a balanced plug of 265 sx Class G. (or pump cement until circulation is achieved at surface.)

16. 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.

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

18. 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 P&A marker is to be installed at surface, 12" x 18" and exposed at the reclaimed GL surface.

Current Wellbore Diagram

DJR Operating, LLC

Jicarilla Florance D # 4

API # 30-039-08080
NW/NE, Unit B, Sec 6, T23N, R04W
Rio Arriba County, NM

GL	**6925'**
KB	**N/A**
Spud Date	**5/20/1966**

SURF CSG

Hole size	9.875
Csg Size:	7.625
Wt:	26#
Grade:	N/A
ID:	6.844
Depth	82
cap cf/ft:	0.2649
TOC:	75 sx

PROD CSG

Hole size	6.75
Csg Size:	2.875
Wt:	6.5#
Grade:	N/A
ID:	2.441
Depth	2627
cap cf/ft:	0.0325
Csg/Csg Ann, cf/ft:	0.2198
Csg/OH Ann, cf/ft:	0.2034
TOC:	100 sx

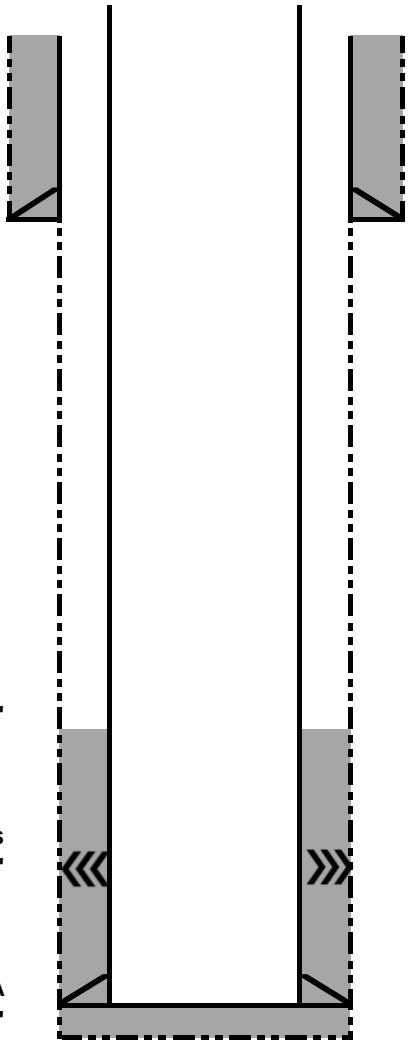
Estimated FORMATION TOPS

San Jose	**Surf**
Nacimiento	**565'**
Ojo Alamo	**1985'**
Kirtland	**2180'**
Fruitland	**2295'**
Pictured Cliffs	**2510'**

Calc TOC +/- 2000'

Pictured Cliffs perfs 2512 to 2530'

PBTD	**N/A**
TD	**2630'**



PROD TBG DETAIL:

None

Proposed Wellbore P&A Diagram

DJR Operating, LLC

Jicarilla Florance D # 4

API # 30-039-08080
NW/NE, Unit B, Sec 6, T23N, R04W
Rio Arriba County, NM

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TOC:	100 sx

Estimated FORMATION TOPS

San Jose	**Surface**
Nacimiento	**565'**
Ojo Alamo	**1985'**
Kirtland	**2180'**
Fruitland	**2295'**
Pictured Cliffs	**2510'**

Plug Detail

Plug 3: 615' to surface. 265 sx class G cement, or until circulation to surface is achieved.

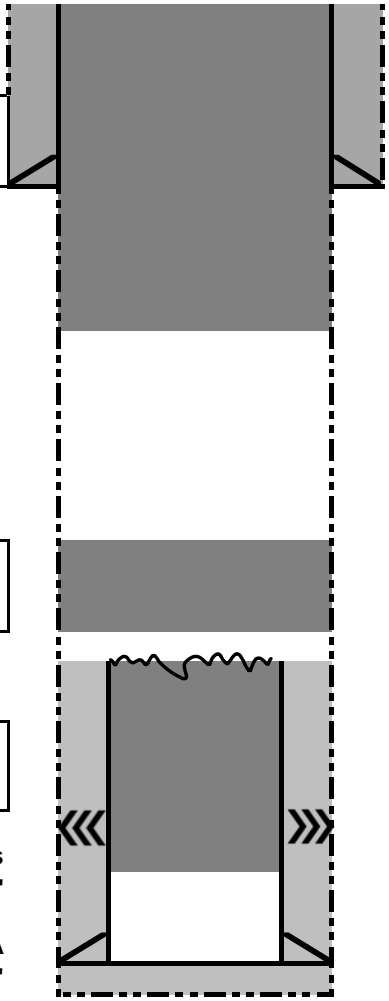
Plug 2: Top of 2 7/8" cut to 1935'. 28 sx Class G cement.

Calc TOC +/- 2000'

Plug 1: 2530' to +/- 2000', 530', +/- 25 sx Class G cement.

Pictured Cliffs perfs 2512 to 2530'

PBTD	**N/A**
TD	**2630'**



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 2631647

Attachment to notice of Intention to Abandon

Well: Jicarilla Florance 'D' 4

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 12/06/2021

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 12/3/2021

Well No. Jicarilla Florance D #4 (API# 30-039-08080)		Location	790 FNL	&	1850 FEL	
Lease No. Jicarilla Contract 362		Sec. 06	T23N		R04W	
Operator DJR Operating, LLC		County	Rio Arriba	State	New Mexico	
Total Depth 2630’	PBTD	Formation	Pictured Cliffs			
Elevation (GL) 6925’		Elevation (KB)	6936’			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm	Surface	565			Surface/freshwater sands
Nacimiento Fm	565			2008	Freshwater sands
Ojo Alamo Ss			2008	2170	Aquifer (freshwater)
Kirtland Shale			2170	2285	
Fruitland Fm			2285	2510	Coal/Gas/Possible water
Pictured Cliffs Ss			2510	TD	Gas
Lewis Shale					
Chacra					
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

- No CBL on file.
- The plugs proposed in the P&A procedure will adequately protect any freshwater sands in this well bore.
- Pictured Cliffs perfs 2512’ – 2530’.

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 65038

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 65038
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	12/7/2021
kpickford	CBL required	12/7/2021
kpickford	Adhere to BLM approved plugs (See GEO report)	12/7/2021