

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

Well Name: DEVON NIELSEN	Well Location: T25N / R11W / SEC 32 / SESE / 36.350693 / -108.018918	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM39017	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004528195	Well Status: Oil Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2699101

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 10/21/2022

Time Sundry Submitted: 12:03

Date proposed operation will begin: 10/21/2022

Procedure Description: This request is being submitted for engineering & geological review prior to onsite inspection as approved by Dave M. of the BLM. 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_20221021120306.pdf

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US Well Number: 3004528195

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

Conditions of Approval

Specialist Review

General_Requirement_PxA_20221025091604.pdf

25N11W32_Devon_Nielson_1_Geo_KGR_20221025091545.pdf

2699101_NOIA_1_3004528195_KR_10252022_20221025091537.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: OCT 21, 2022 12:03 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: 10/25/2022

Signature: Kenneth Rennick

**Plug and Abandonment Procedure
for
DJR Operating, LLC
Devon Nielsen 1
API # 30-045-28195
SHL: SE/SE, Unit P, Sec. 32, T25N, R11W, (100' FSL, 193' FEL)
BHL: NE/NE, Unit A, Sec 5, T24N, R11W, (415' FNL, 413' FEL)
San Juan County, NM**

NOTE: This well is a deviated well: The formation top depths are from OH logs and are all MD, the P&A depths will also all be MD.

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 rods and tubing of paraffin.
6. Trip out of hole with rods and pump. Lay down to be sent in for storage/salvage.
7. Unset TAC.
8. ND WH, NU BOP, function test BOP.
9. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.
10. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 4712'. TOOH.
11. PU and RIH with a 5 1/2" cement retainer. Set the CR at +/- 4712'. Load hole with water. Pressure test tubing to 1000 psi, sting out of CR, test casing to 600 psi. If casing does not test, contact engineering. TOOH. The procedure may be modified as determined by the casing pressure test.
12. Plug 1: TIH and sting back into CR, establish rate, and attempt to mix and pump 15 sx through the CR into the Gallup perforations. If zone pressures up, sting out of CR and spot plug on top to bring TOC inside to 4662' above Gallup top. TOOH, remove CR stinger.
13. Plug 2: Mancos: TIH to 3907', Mix and pump a balanced plug from 3907' to 3807'. Pull up to 1988'.

14. Plug 3: Mesa Verde: Mix and pump a balanced plug from 1988' to 1888'. Pull up to 1573'.
15. Plug 4: Chacra: Mix and pump a balanced plug from 1573' to 1473'. Pull up to 1223'.
16. Plug 5: Pictured Cliffs and Fruitland: Mix and pump a balanced plug from 1223' to 970'. Pull up to 614'.
17. Plug 6: Kirtland, Ojo Alamo, and surface casing shoe to surface: Mix and pump a balanced plug from 614' to surface. TOOH.
18. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement as necessary. Install 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.
19. RD and MO all rig and cement equipment. Assure that location is free of trash before moving off.
20. 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 to be based on inside capacities + 50' excess and outside capacities + 100% excess.

**Current Wellbore Diagram
DJR Operating, LLC
Devon Nielsen 1**

API # 30-045-28195

SHL: SE/SE, Unit P, Sec 32, T25N, R11W, (100' FSL, 193' FEL)

BHL: NE/NE, Unit A, Sec 5, T24N, R11W, (415' FNL, 413' FEL)

San Juan County, NM

GL 6484'
KB 6497'
Spud Date 9/27/1990

SURF CSG

Hole size 12.25"
Csg Size: 8.625"
Wt: 24#
Grade: J-55
ID: 8.097"
Depth 364'
Csg cap ft³: 0.3576
TOC: Surface

FORMATION TOPS

Nacimiento	Surface
Ojo Alamo	472'
Kirtland	564'
Fruitland	1020'
Pictured Cliffs	1173'
Chacra	1523'
Mesa Verde	1938'
Mancos	3857'
Gallup	4712'

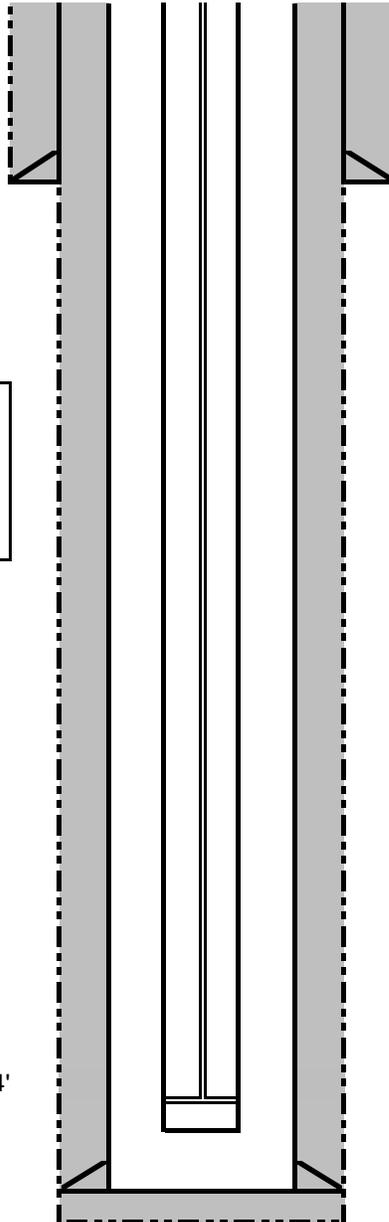
NOTE: This well is a deviated well: The formation top depths are from the OH logs and are all MD, the P&A depths will all be MD.

PROD CSG

Hole size 7.875"
Csg Size: 5.5"
Wt: 15.5#
Grade: J-55
ID: 4.95"
Depth 5048'
Csg cap ft³: 0.1336
Csg/Csg Ann ft³: 0.1926
Csg/OH cap ft³: 0.1732
TOC: Surface

Perfs 4834-4844'

PBTD 5010'
TD 5050'



Prod Tubing Detail:
MA, PS, SN, 7 jts. 2-3/8" tbg., TAC, 2-3/8" tbg. : (Last record does not list # of jts above TAC) EOT at 4929', SN at 4888'. TAC at 4663'.

Rod Detail
2"x1-1/2"x16' RWAC pump, , 4x1-1/4" K bars, 167x3/4" molded guide rods.

**Proposed Wellbore Diagram
DJR Operating, LLC
Devon Nielsen 1**

API # 30-045-28195
SHL: SE/SE, Unit P, Sec 32, T25N, R11W, (100' FSL, 193' FEL)
BHL: NE/NE, Unit A, Sec 5, T24N, R11W, (415' FNL, 413' FEL)
San Juan County, NM

GL 6484'
KB 6497'
Spud Date 9/27/1990

SURF CSG

Hole size 12.25"
Csg Size: 8.625"
Wt: 24#
Grade: J-55
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Depth 364'
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FORMATION TOPS

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PROD CSG

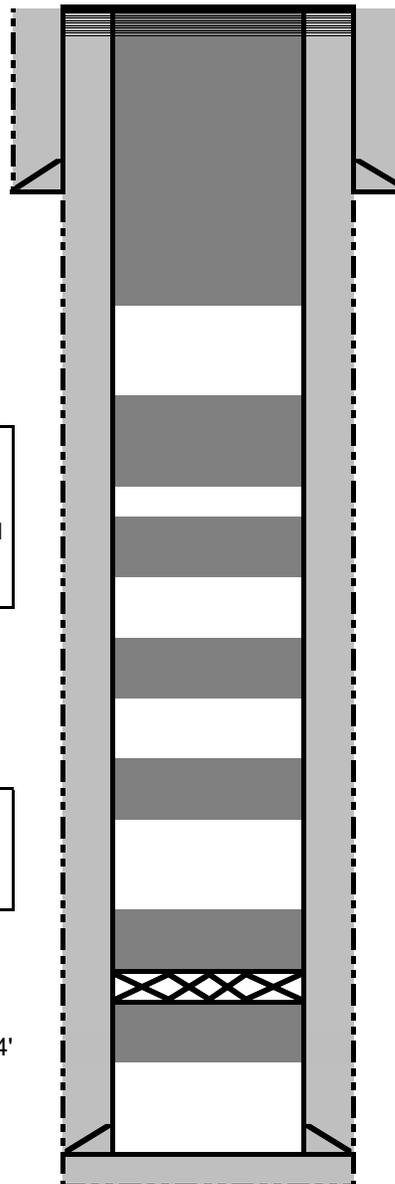
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Csg/OH cap: 0.1732
TOC: Surface

NOTE: This well is a deviated well: The formation top depths are from the OH logs and are all MD, the P&A depths will all be MD

All inside plugs will include 50' excess cement, while all outside plugs will include 100% excess.

Perfs 4834-4844'

PBTD 5010'
TD 5050'



Plug 6: Kirtland and Ojo Alamo tops, surface casing shoe to surface: Spot balanced plug from 614' to surface. Cut off WH, install P&A marker, top off casings and cellar.

Plug 5: Pictured Cliffs and Fruitland tops: Spot balanced plug from 1223' to 970' above Fruitland top.

Plug 4: Chacra top: Spot balanced plug from 1573'-1473'.

Plug 3: Mesa Verde top: Spot balanced plug from 1988'-1888'.

Plug 2: Mancos top: Spot balanced plug from 3907' to 3807'.

Plug 1: Perforations and Gallup top: Set CR at 4712'. Squeeze 15 sx below CR, and spot sufficient volume above to bring top of cement to 4662' inside.

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

AFMSS 2 Sundry ID 2699101

Attachment to notice of Intention to Abandon

Well: Devon Nielson 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.

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 10/25/2022

**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 H₂S.

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.

(October 2012 Revision)

**BLM FLUID MINERALS
P&A Geologic Report**

Date Completed: 10/25/2022

Well No. Devon Nielson 1	Location	SESE			
Lease No. NMNM39017	Sec. 32	T25N			R11W
Operator DJR Operating, LLC	County	San Juan	State		New Mexico
Total Depth 5050' (MD)	PBTD 5010'	Formation	Gallup		
Elevation (GL) 6484'		Elevation (KB)	6497'		

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm					Possible freshwater sands
Ojo Alamo Ss			472'		Aquifer (possible freshwater)
Kirtland Shale			564'		
Fruitland Fm			1020'		Coal/Gas/Possible water
Pictured Cliffs Ss			1173'		Gas
Lewis Shale					
Chacra			1523'		Gas
Cliff House Ss			1938'		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			3857'		
Gallup			4712'		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

Reference Well:

- Gallup perforations 4834' – 4844'.

Prepared by: Kenneth Rennick

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 153450

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 153450
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	10/27/2022
kpickford	Adhere to BLM approved COAs and plugs. See BLM COAs and GEO report.	10/27/2022