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

Sundry Print Report

02/15/2022

Well Name: CARSON UNIT 19	**Well Location:** T25N / R11W / SEC 19 / NWSE / 36.38475 / -108.042206	**County or Parish/State:** SAN JUAN / NM
Well Number: 33	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMSF078063	**Unit or CA Name:** CARSON UNIT--GP	**Unit or CA Number:** NMNM78385A
US Well Number: 3004526461	**Well Status:** Producing Oil Well	**Operator:** DJR OPERATING LLC

Notice of Intent

Sundry ID: 2643090

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/04/2021

Time Sundry Submitted: 02:50

Date proposed operation will begin: 11/04/2021

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

NOI_PA_Reclamation_Plan_Carson_Unit_33_20211104144952.pdf

NOI_PA_Carson_Unit_19_33_Procedure_20211104144952.pdf

NOI_PA_Proposed_WBD_Carson_Unit_19_33_20211104144952.pdf

NOI_PA_Current_WBD_Carson_Unit_19_33_20211104144952.pdf

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20220214151829.pdf

2643090_NOIA_19_33_3004526461_KR_02142022_20220214151813.pdf

23N11W19_Carson_Unit_19_33_KGR_20220214151057.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: NOV 04, 2021 02:49 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: 02/14/2022

Signature: Kenneth Rennick

Plug and Abandonment Procedure

for

DJR Operating, LLC

Carson Unit 19-33

API # 30-045-26461

NW/SE, Unit J, Sec. 19, T25N, R11W

San Juan County, NM

During a recent workover, the tubing parted just above tubing anchor. Top of tubing stub at approximately 4750'.

1. MIRU P&A rig and equipment.

2. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 4720'. TOOH.

3. PU and RIH with a 5 ½" CR. Set the CR at +/- 4700'. Pressure test tubing to 1000 psi, sting out of CR, test casing to 600 psi. If casing does not test, contact engineering.

4. Plug 1. Sting back into CR and attempt to mix and squeeze 20 sx cement through the CR into the Gallup perforations. If zone pressures up, sting out of CR and spot 50' cement on top. PU and pump water to ensure tubing is clear. TOOH.

5. MIRU logging truck. Roll hole. Run CBL log from TOC to surface. Hold 600 psi on casing if possible. Electronic copy of CBL to be sent to; Brandon Powell, NMOCD brandon.powell@state.nm.us, Monica Kuehling, NMOCD mkuehling@state.nm.us, krenneck@blm.gov, Scott Lindsay, DJR slindsay@djrllc.com, and Loren Diede, DJR ldiede@djrllc.com.

6. Plug 2. Mancos: Mix and spot a balanced plug from 3897-3747'.

7. Plug 3. Mesaverde and Chacra: Mix and spot a balanced plug from 2036-1490'.

8. Plug 4. Pictured Cliffs, Fruitland, and Kirtland: Mix and spot a balanced plug from 1262-545'.

9. Plug 5: Surface casing shoe and surface: Mix and spot a balanced plug from 405' to surface. Top off annulus, as necessary.

10. 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.

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

12. 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.

Current Wellbore Diagram

DJR Operating, LLC

Carson Unit 19 33

API # 30-045-26461
NW/SE, Unit J, Sec 19, T25N, R11W
San Juan County, NM

GL 6450'
KB 6462'
Spud Date 8/26/1985

SURF CSG

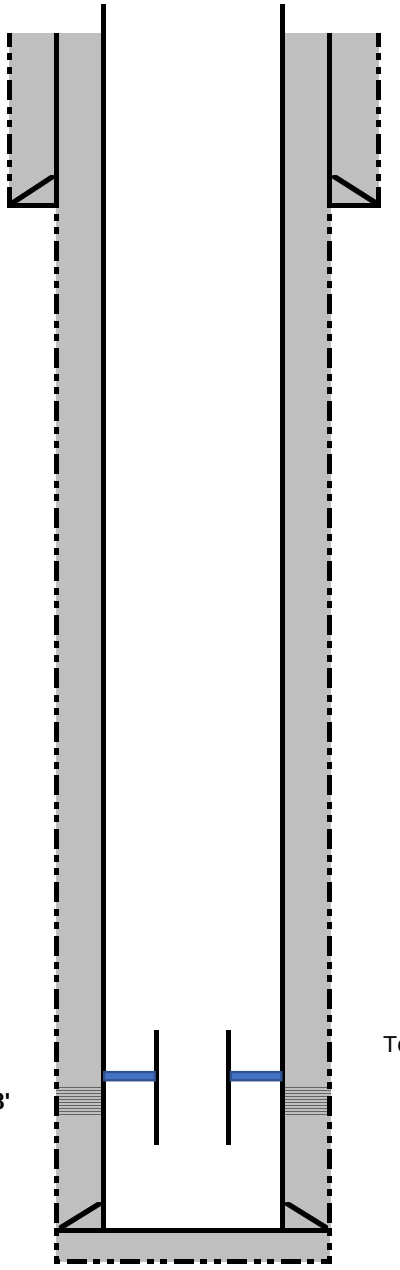
Hole size	12.25"
Csg Size:	8.625"
Wt:	24#
Grade:	J-55
ID:	8.097"
Depth	355'
Csg cap ft^3:	0.3576
TOC:	Circ surf

PROD CSG

Hole size	7.875"
Csg Size:	5.5"
Wt:	15.5#
Grade:	K-55
ID:	4.95"
Depth	5073'
Csg cap ft^3:	0.1336
Csg/Csg Ann ft^3:	0.1926
Csg/OH cap ft^3:	0.1732
TOC:	300' (TS)

FORMATION TOPS

Nacimiento	**Surface**
Ojo Alamo	**N/A**
Kirtland	**645'**
Fruitland Coal	**847'**
Pictured Cliffs	**1212'**
Lewis	**1412'**
Chacra	**1590'**
Mesaverde	**1986'**
Mancos	**3847'**
Gallup	**4763'**



Perfs 4872-4978'

PBTD 5029'
TD 5090'

Top of fish at +/- 4750'

Prod Tubing Detail:
31' MA, PS, SN, 6 jts. 2-3/8" tbg., TAC, 15' tubing stub approximately 4750'. Could not release tubing anchor catcher (TAC).

Rod Detail:
None

Proposed Wellbore P&A Diagram

DJR Operating, LLC

Carson Unit 19 33

API # 30-045-26461
NW/SE, Unit J, Sec 19, T25N, R11W
San Juan County, NM

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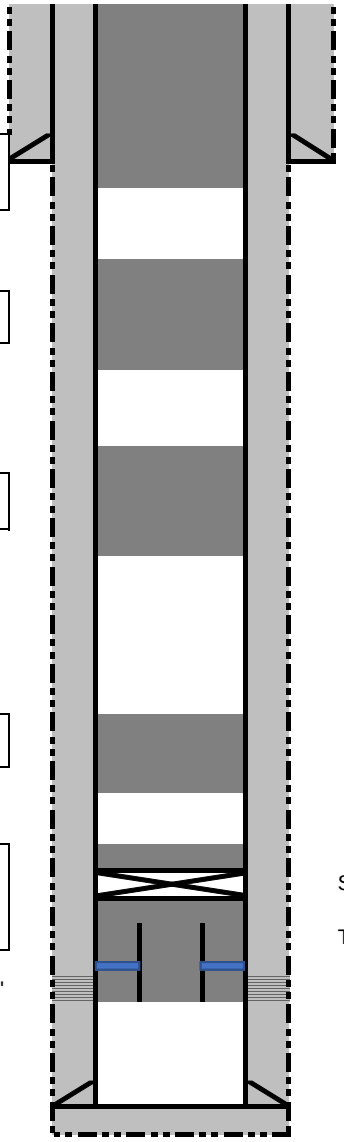
Plug 5: 405' to surface: Spot balanced plug from 405' to surface. Top off annulus as necessary.

Plug 4: Pictured Cliffs, Fruitland, Kirtland: Spot 667' balanced plug from 1262-595'.

Plug 3: Mesaverde and Chacra: Spot 496' balanced plug from 2036-1540'.

Plug 2: Mancos: Spot 100' balanced plug from 3897-3797'.

Plug 1: Perforations, fish, and Gallup top: Squeeze 20 sx below CR. Mix and pump sufficient cement to bring TOC to 4700' inside casing above CR.



Set CR at +/- 4700'

Top of fish at +/- 4750'

Perfs 4872-4978'

PBTD 5029'
TD 5090'

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 2643090

Attachment to notice of Intention to Abandon

Well: Carson Unit 19 33

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 4 – Bring the top up to 500 feet to cover the BLM formation top pick for the Ojo Alamo Sandstone.

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 2/14/2022

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 02/14/2022

Well No. Carson Unit 19 #33 (API# 30-045-26461)		Location	1980 FSL	&	1980 FEL	
Lease No. NMSF078063		Sec. 19	T25N		R11W	
Operator DJR Operating, LLC		County	San Juan	State	New Mexico	
Total Depth 5090’	PBTD 5029’	Formation	Gallup (Producing)			
Elevation (GL) 6450’		Elevation (KB)	6462’			

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm			Surface	550	Possible freshwater sands
Ojo Alamo Ss			550	645	Aquifer (possible freshwater)
Kirtland Shale			645	847	
Fruitland Fm			847	1250	Coal/Gas/Possible water
Pictured Cliffs Ss			1250	1412	Gas
Lewis Shale			1412	1590	
Chacra			1590	1986	Gas
Cliff House Ss			1986	2200	Water/Possible gas
Menefee Fm			2200	3792	Coal/Ss/Water/Possible O&G
Point Lookout Ss			3792	3847	Probable water/Possible O&G
Mancos Shale			3847	4763	
Gallup			4763		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

Reference Well:

- The plugs proposed in the P&A procedure will adequately protect any freshwater sands in this well bore.

- Plug 4: Bring the top up to 500 feet to cover the BLM formation top pick for the Ojo Alamo Sandstone.

- Gallup perfs 4872 feet – 4978 feet.

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 81515

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 81515
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	2/18/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	2/18/2022