

Well Name: CENTRAL BISTI UNIT	Well Location: T25N / R12W / SEC 5 / NWNW / 36.435272 / -108.140732	County or Parish/State: SAN JUAN / NM
Well Number: 83	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078056	Unit or CA Name: CENTRAL BISTI UNIT	Unit or CA Number: NMNM78386X
US Well Number: 3004525793	Well Status: Producing Oil Well	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2635029

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/20/2021	Time Sundry Submitted: 12:33
Date proposed operation will begin: 09/20/2021	

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

- CBU_83_Current_WBD_20210920123244.pdf
- CBU_83_PxA_Procedure_20210920123244.pdf
- CBU_83_Reclamation_Plan_20210920123244.pdf
- CBU_83_Proposed_WBD_20210920123244.pdf

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Conditions of Approval

Additional Reviews

2635029_NOIA_83_3004525793_KR_11042021_20211104150208.pdf
25N12W05DKg_Central_Bisti_Unit_83_20211104134641.pdf

Authorized Officer

General_Requirement_PxA_20211104150320.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: SEP 20, 2021 12:32 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

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: 11/04/2021
Signature: Kenneth Rennick	

Plug and Abandonment Procedure
for
DJR Operating, LLC
Central Bisti Unit 83
API # 30-045-25793
NW/NW, Unit D, Sec. 5, T25N, R12W
San Juan 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. 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. RDMO prep rig to next location.

II.

11. MIRU P&A rig and equipment.
12. PU 2-3/8" workstring and TIH to 4876'. Drop standing valve and pressure test tubing to 1000 psi. Retrieve standing valve.
13. Plug 1: Perforations and Gallup top: Mix and spot a balanced cement plug from 4876-4650'. Pump water to ensure that tubing is clear. Pull up and WOC.
14. Tag TOC. Roll hole and pressure test casing to 600 psi. If casing does not test, call engineering.

15. Plug 2: Mancos top: Mix and spot a balanced cement plug from 3835' to 3735'.
16. Plug 3: Mesa Verde and Chacra tops: Mix and spot a balanced cement plug from 1910' to 1410'.
17. Plug 4: Pictured Cliffs top: Mix and spot a balanced cement plug from 1200' to 1100'.
18. Plug 5: Fruitland, Kirtland, Ojo Alamo, and surface plug: Mix and spot balanced plug from 688' to surface. Top off 8-5/8x5-1/2" annulus through 1" tubing, if necessary.
19. 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.
20. RD and MO all rig and cement equipment. Ensure that location is free of trash and contamination before moving off.
21. 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

Central Bisti Unit 83

API # 30-045-25793

NW/NW, Unit D, Sec 5, T25N, R12W

San Juan County, NM

GL 6159'
 KB 6173'
 Spud Date 10/1/1983

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: J-55
 ID: 8.097"
 Depth 216'
 Csg cap ft³: 0.3576
 TOC: Surface

FORMATION TOPS

Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	445'
Fruitland	638'
Pictured Cliffs	1150'
Chacra	1460'
Mesa Verde	1860'
Mancos	3785'
Gallup	4700'

PROD CSG

Hole size 7.875"
 Csg Size: 5.5"
 Wt: 15.5#
 Grade: J-55
 ID: 4.95"
 Depth 5019'
 Csg cap ft³: 0.1336
 Csg/Csg Ann
 ft³: 0.1926
 Csg/OH cap
 ft³: 0.1732
 TOC: Circ cement to surface

Perfs 4788-4876'

PBTD 4981'
 TD 5020'

Prod Tubing Detail:

NC, MA, 4' PS, SN, 6 jts. 2-3/8" tbg., TAC, 150
 jts. 2-3/8" tbg. EOT at 4964', SN at 4928'. TAC
 at 4735'.

Rod Detail

2"x1-1/2"x16' RWAC pump, 3' stabilizer sub,
 4x1-1/4" K bars, 6x3/4" rods with molded
 guides, 6x3/4" rods with snap on guides,
 185x3/4" plain rods, 8', 8'x3/4" od subs, 22'
 polished rod with 12' liner.

Proposed Wellbore Diagram
DJR Operating, LLC
Central Bisti Unit 83

API # 30-045-25793
 NW/NW, Unit D, Sec 5, T25N, R12W
 San Juan County, NM

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 KB 6173'
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 ft³: 0.1732
 TOC: Circ cement to surface

Perfs 4788-4876'

PBTD 4981'
 TD 5020'

Plug 5: Fruitland, Kirtland, Ojo Alamo, and surface plugs: Pump 688' plug from 688' to surface. Top off 8-5/8"x5-1/2" annulus if necessary.

Plug 4: Pictured Cliffs top: Spot balanced plug from 1200'-1100'.

Plug 3: Mesa Verde and Chacra tops: Spot balanced plug from 1910'-1410'.

Plug 2: Mancos top: Spot balanced plug from 3835' to 3735'.

Plug 1. Perforations and Gallup top: Spot balanced plug from 4876' to 4650'.

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

AFMSS 2 Sundry ID 2635029

Attachment to notice of Intention to Abandon

Well: Central Bisti Unit 83

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 (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the bottom of Plug No. 1 (Gallup) down to 4926 feet to cover 50 feet below last perforation since a CICR is not being used.

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 11/04/2021

**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 Geologic Report

Date Completed: 11/4/2021

Well No. Central Bisti Unit #83 (API# 30-045-25793)			Location	760	FNL	&	1980	FEL
Lease No. NMSF-078056			Sec. 05	T25N			R12W	
Operator DJR Operating, LLC			County	San Juan		State	New Mexico	
Total Depth	5020'	PBTD 4981'	Formation Gallup (Mancos)					
Elevation (GL) 6159'			Elevation (KB) 6173'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm	Surface	110			Fresh water sands
Ojo Alamo Ss	110	230			Aquifer (fresh water)
Kirtland Shale	230			638	
Fruitland Fm			638	1150	Coal/Gas/Possible water
Pictured Cliffs Ss			1150	1320	Gas
Lewis Shale			1320	1460	
Chacra			1460	1860	
Cliff House Ss			1860	1995	Water/Possible gas
Menefee Fm			1995	3616	Coal/Ss/Water/Possible O&G
Point Lookout Ss			3616	3785	Probable water/Possible O&G
Mancos Shale			3785	4700	
Gallup			4700	PBTD	O&G/Water
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

- No CBL on file.

- Bring the bottom of Plug #1 (Gallup) down to 4926' to cover 50' below last perf since a CICR is not being used.

- Log analysis of reference well #2 indicates the Nacimiento and Ojo Alamo sands investigated likely contain fresh water ($\leq 5,000$ ppm TDS). P&A procedure, with recommended plug adjustments, will adequately protect any freshwater sands in this well bore.

- Gallup perforations @ 4788' – 4876'.

Reference Well:

1) **Formation Tops**

Same

2) **Water Analysis**

Giant E & P Co.
Carson Unit #23
1980' FSL, 1980' FEL
Sec. 19, T25N, R11W
GL 6438' KB 6447'

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

COMMENTS

Action 60418

COMMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 60418
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 11/15/2021	11/15/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 60418

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 60418
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/15/2021
kpickford	Adhere to BLM approved plugs and COAs (see GEO Report).	11/15/2021