

<b>Well Name:</b> CENTRAL BISTI UNIT	<b>Well Location:</b> T26N / R12W / SEC 31 / SESE / 36.438278 / -108.145218	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 82	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078056	<b>Unit or CA Name:</b> CENTRAL BISTI UNIT	<b>Unit or CA Number:</b> NMNM78386X
<b>US Well Number:</b> 3004525796	<b>Well Status:</b> Producing Oil Well	<b>Operator:</b> DJR OPERATING LLC

**Notice of Intent**

**Sundry ID:** 2658317

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 02/22/2022

**Time Sundry Submitted:** 11:46

**Date proposed operation will begin:** 02/22/2022

**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\_82\_Proposed\_WBD\_20220222114551.pdf

CBU\_82\_Reclamation\_Plan\_20220222114551.pdf

CBU\_82\_Current\_WBD\_20220222114551.pdf

CBU\_82\_PA\_Procedure\_20220222114551.pdf

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**Well Number:** 82

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**Unit or CA Number:** NMNM78386X

**US Well Number:** 3004525796

**Well Status:** Producing Oil Well

**Operator:** DJR OPERATING LLC

**Conditions of Approval**

**Specialist Review**

- 26N12W31\_Central\_Bisti\_Unit\_82\_KGR\_20220304092104.pdf
- General\_Requirement\_PxA\_20220304092015.pdf
- 2658317\_NOIA\_82\_3004525796\_KR\_03042022\_20220304091959.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:** FEB 22, 2022 11:45 AM

**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:** 03/04/2022

**Signature:** Kenneth Rennick

**Plug and Abandonment Procedure**  
**for**  
**DJR Operating, LLC**  
**Central Bisti Unit 82**  
**API # 30-045-25796**  
**SE/SE, Unit P, Sec. 31, T26N, 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.
  
11. MIRU P&A rig and equipment. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 4800'. TOOH.
12. PU and TIH with 5-1/2" CR. Set the CR at 4800'. Pressure test tubing to 1000 psi, sting out of CR, test casing to 600 psi. If casing does not test, contact engineering.

13. Plug 1: Perforations and Gallup top: Establish rate. Mix and attempt to squeeze 10 sx cement below CR. If zone pressures up, sting back out of CR. Spot sufficient volume to bring top of cement to 4670' inside 5-1/2" casing. Pump water to ensure tubing is clear. WOC. Tag top of cement.
14. RU wireline. Run CBL log from CR to surface. Hold 600 psi on casing if possible. Electronic copy of CBL to be sent to Ken Rennick [krennick@blm.gov](mailto:krennick@blm.gov), Monica Kueling [monica.kueling@state.nm.us](mailto:monica.kueling@state.nm.us), Loren Diede [ldiede@djrlc.com](mailto:ldiede@djrlc.com), and Scott Lindsay [slindsay@djrlc.com](mailto:slindsay@djrlc.com). Plugs may be adjusted per log results.
15. Plug 2: Mancos top: Mix and spot a balanced cement plug from 3849' to 3749'. Pump water to ensure tubing is clear.
16. Plug 3: Mesa Verde and Chacra tops: Mix and spot a balanced cement plug from 1930' to 1424'. Pump water to ensure tubing is clear.
17. Plug 4: Pictured Cliffs and Fruitland tops: Mix and spot a balanced cement plug from 1220' to 640'. Pump water to ensure tubing is clear.
18. Plug 5: Kirtland, Ojo Alamo, and surface plugs: Perf holes at 317'. Establish rate. Tie onto casing and mix and pump sufficient volume to bring top of cement to surface, inside and outside casing. 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 82**

API # 30-045-25796  
SE/SE, Unit P, Sec 31, T26N, R12W  
San Juan County, NM

GL 6165'  
KB 6177'  
Spud Date 9/25/1983

**SURF CSG**

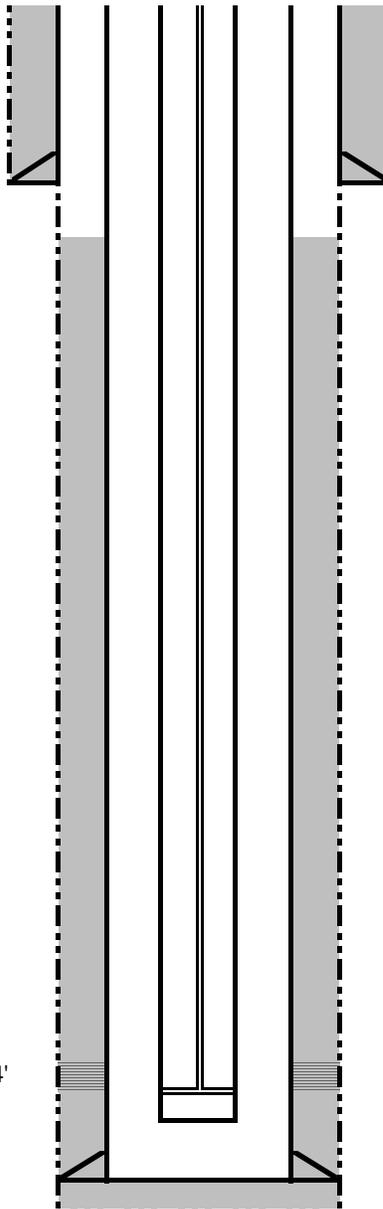
Hole size 12.25"  
Csg Size: 8.625"  
Wt: 24#  
Grade: K-55  
ID: 8.097"  
Depth 215'  
Csq cap ft<sup>3</sup>: 0.3576  
TOC: Surface

**FORMATION TOPS**

Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	267'
Fruitland	690'
Pictured Cliffs	1170'
Chacra	1474'
Mesa Verde	1880'
Mancos	3799'
Gallup	4720'

**PROD CSG**

Hole size 7.875"  
Csg Size: 5.5"  
Wt: 15.5#  
Grade: K-55  
ID: 4.95"  
Depth 5039'  
Csq cap ft<sup>3</sup>: 0.1336  
Csg/Csg Ann ft<sup>3</sup>: 0.1926  
Csg/OH cap ft<sup>3</sup>: 0.1732  
TOC: 500' (TS)



TOC 500' (TS)

<b>Prod Tubing Detail:</b>
MA, PS, SN, 5 jts. 2-3/8" tbg., TAC, 146 jts. 2-3/8" tbg. EOT at 4864', SN at 4828'. TAC at 4666'.
<b>Rod Detail</b>
2"x1-1/2"x16' RWAC pump, 3' stabilizer sub, 4x1-1/4" K bars, 10x3/4" guided rods, 188x3/4" plain rods, 22' polished rod.

Perfs 4828-4904'

PBTD 5017'  
TD 5040'

**Proposed Wellbore Diagram**  
**DJR Operating, LLC**  
**Central Bisti Unit 82**  
 API # 30-045-25796  
 SE/SE, Unit P, Sec 31, T26N, R12W  
 San Juan County, NM

GL        6165'  
 KB        6177'  
 Spud Date    9/25/1983

**SURF CSG**

Hole size        12.25"  
 Csg Size:        8.625"  
 Wt:                24#  
 Grade:            K-55  
 ID:                8.097"  
 Depth            215'  
 Csg cap ft<sup>3</sup>:    0.3576  
 TOC:              Surface

**FORMATION TOPS**

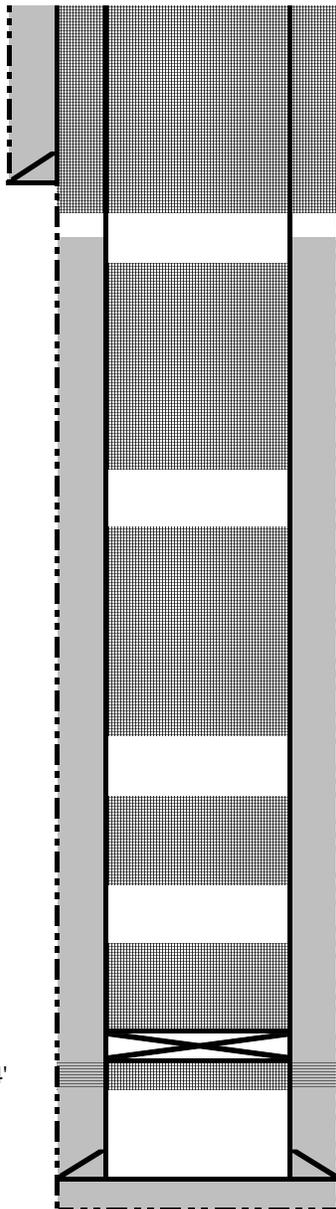
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Hole size        7.875"  
 Csg Size:        5.5"  
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 Grade:            K-55  
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 ft<sup>3</sup>:                0.1732  
 TOC:              500' (TS)

Perfs 4828-4904'

PBTD 5017'  
 TD 5040'



**Plug 5: Kirtland, Ojo Alamo, and surface plugs: Perf holes at 317'. Tie onto casing and mix and pump sufficient volume to bring TOC to surface, inside and outside.**

**Plug 4: Pictured Cliffs and Fruitland tops: Spot balanced plug from 1220-640'.**

**Plug 3: Mesa Verde and Chacra tops: Spot balanced plug from 1930-1424'.**

**Plug 2: Mancos top: Spot balanced plug from 3849-3749'.**

**Plug 1: Perforations and Gallup top: Set CR at 4800'. Squeeze 10 sx below CR, and spot sufficient volume above to bring top of cement to 4670' 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 2658317

Attachment to notice of Intention to Abandon

Well: Central Bisti Unit 82

**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.

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 3/4/2022

**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<sub>2</sub>S.

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:** 03/04/2022

Well No. Central Bisti Unit 82 (API# 30-045-25796)	Location	330	FSL	&	660	FEL
Lease No. NMSF078056	Sec. 31	T26N			R12W	
Operator DJR Operating, LLC	County	San Juan		State	New Mexico	
Total Depth 5040'	PBTD 5017'	Formation Gallup (Producing)				
Elevation (GL) 6165'		Elevation (KB) 6177'				

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					Aquifer (possible freshwater)
Kirtland Shale			267		
Fruitland Fm			690		Coal/Gas/Possible water
Pictured Cliffs Ss			1170		Gas
Lewis Shale					
Chacara			1474		Gas
Cliff House Ss			1880		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			3799		
Gallup			4720		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:  
P & A

Reference Well:

- Gallup perms 4828' – 4904'.

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 87146

**CONDITIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 87146
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	CBL required	3/9/2022
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/9/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	3/9/2022