

Well Name: BISTI GALLUP 20	Well Location: T25N / R12W / SEC 20 / NENW / 36.39274 / -108.136271	County or Parish/State: SAN JUAN / NM
Well Number: 3	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM25448	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004533983	Well Status: Gas Well Shut In	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2651187

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/05/2022

Time Sundry Submitted: 11:25

Date proposed operation will begin: 01/05/2022

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

Bisti_Gallup_20_3_PA_Procedure_20220105112454.pdf

Bisti_Gallup_20_3_Reclamation_Plan_20220105112455.pdf

Bisti_Gallup_20_3_Proposed_WBD_20220105112454.pdf

Bisti_Gallup_20_3_Current_WBD_20220105112454.pdf

Well Name: BISTI GALLUP 20

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County or Parish/State: SAN JUAN / NM

Well Number: 3

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Lease Number: NMNM25448

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004533983

Well Status: Gas Well Shut In

Operator: DJR OPERATING LLC

Conditions of Approval

Additional Reviews

2651187_NOIA_20_3_3004533983_KR_01102022_20220110164934.pdf

General_Requirement_PxA_20220110164926.pdf

25N12W20CKg_Bisti_Gallup_20_3_20220110143133.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: JAN 05, 2022 11:25 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: 01/10/2022

Signature: Kenneth Rennick

Plug and Abandonment Procedure
for
DJR Operating, LLC
Bisti Gallup 20-3
API # 30-045-33983
NE/NW, Unit C, Sec. 20, 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 workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 4700'.
13. Drop standing valve and pressure test tubing to 1000 psi. Retrieve standing valve. Pressure test casing to 600 psi. If casing does not test, contact engineering.

14. Plug 1. Perforations and Gallup top: Mix and spot a 291' balanced plug from 4857-4566'. Pull up and pump water to ensure that tubing is clear. WOC. Tag TOC and continue with Plug 2.
15. Plug 2. Mancos: Mix and spot a 100' balanced plug from 3795-3695'. Pull up and pump water to ensure that tubing is clear.
16. Plug 3. Mesa Verde and Chacra: Mix and spot a 548' balanced plug from 1978-1430'. Pull up and pump water to ensure that tubing is clear.
17. Plug 4: Pictured Cliffs: Mix and spot a 100' balanced plug from 1211-1111'. Pull up and pump water to ensure that tubing is clear.
18. Plug 5: Fruitland, Kirtland. Ojo Alamo and surface: Mix and spot balanced plug from 860' 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. Assure 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
Bisti Gallup 20-3
 API # 30-045-33983
 NE/NW, Unit C, Sec 20, T25N, R12W
 San Juan County, NM

GL 6298'
 KB 6310'
 Spud Date 1/23/2012

SURF CSG

Hole size 12.25"
 Csg Size: 8.625"
 Wt: 24#
 Grade: J-55
 ID: 8.097"
 Depth 368'
 Csg cap ft³: 0.3576
 TOC: Surface

FORMATION TOPS

Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	578'
Fruitland	800'
Pictured Cliffs	1127'
Chacra	1456'
Mesa Verde	1886'
Mancos	3734'
Gallup	4653'

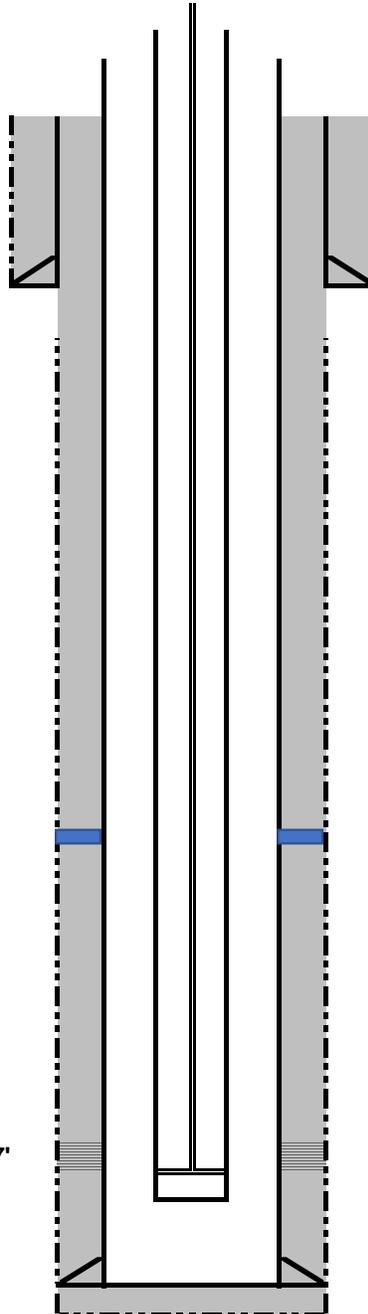
PROD CSG

Hole size 7.875"
 Csg Size: 5.5"
 Wt: 15.5#
 Grade: J-55
 ID: 4.95"
 Depth 5135'
 Csg cap ft³: 0.1336
 Csg/Csg 0.1926
 Ann ft³:
 Csg/OH cap ft³: 0.1732
 TOC: Surface

DV Tool 3482'
 Cement Circ to surface on both stages.

Perfs 4760-4857'

PBTD 5089'
 TD 5150'



Prod Tubing Detail:

NC, MA, PS, SN, 8 jts. 2-3/8" tbg, TAC, 147 jts. 2-3/8" tbg. EOT 4724'. PS 4895'. SN 4891'. TAC 4644'.

Rod Detail

2"x1-1/2"x16' RWAC pump, 1 stabilizer bar, 4x1-1/4" K bars, 20x3/4" guided rods, 120x3/4" plain rods, 50x7/8" plain rods, 6"x7/8" rod sub, 1-1/4" polished rod with 12' liner.

DV tool at 3482'.
 TOC @ DV Tool

Proposed Wellbore Diagram

DJR Operating, LLC

Bisti Gallup 20-3

API # 30-045-33983

NE/NW, Unit C, Sec 20, T25N, R12W

San Juan County, NM

GL 6298'
 KB 6310'
 Spud Date 1/23/2012

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Hole size 12.25"
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FORMATION TOPS

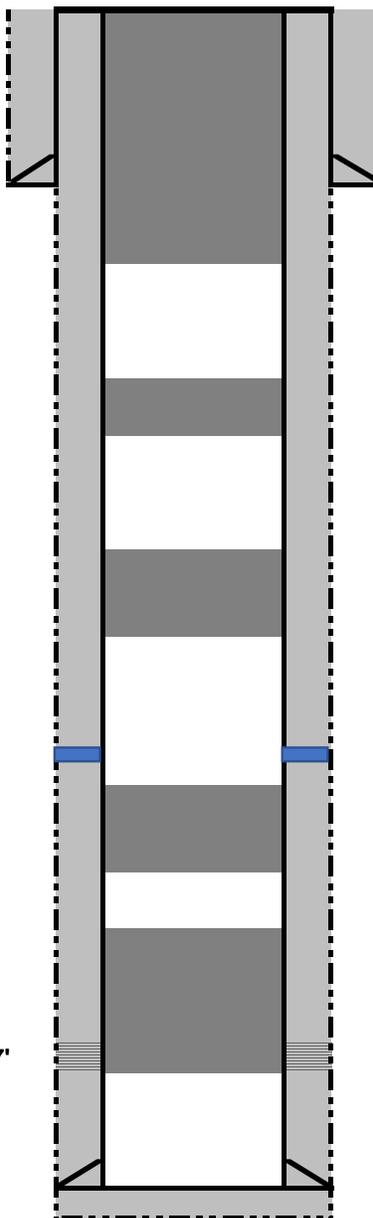
Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	585'
Fruitland	810'
Pictured Cliffs	1161'
Chacra	1480'
Mesa Verde	1928'
Mancos	3745'
Gallup	4616'

PROD CSG

Hole size 7.875"
 Csg Size: 5.5"
 Wt: 15.5#
 Grade: J-55
 ID: 4.95"
 Depth 5135'
 Csg cap ft³: 0.1336
 Csg/Csg 0.1926
 Ann ft³:
 Csg/OH cap 0.1732
 ft³:
 TOC: Surface
 DV Tool 3482'
 Cement Circ to surface on both stages.

Perfs 4760-4857'

PBTD 5089'
 TD 5150'



Plug 5: Fruitland, Kirtland, Ojo Alamo to surface: Mix and pump plug from 860' to surface. Top off 8-5/8"x5-1/2" annulus if necessary.

Plug 4: Pictured Cliffs: Spot balanced plug from 1211-1111'.

Plug 3: Mesa Verde and Chacra: Spot 548' balanced plug from 1978' to 1430'.

DV tool at 3482'.
 TOC @ DV Tool

Plug 2: Mancos: Spot balanced plug from 3795-3695'.

Plug 1: Perforations and Gallup top: Spot 291' balanced plug from 4857-4566'.

**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.

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

AFMSS 2 Sundry ID 2651187

Attachment to notice of Intention to Abandon

Well: Bisti Gallup 20 3

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 (Pictured Cliffs) – Adjust or add a plug to cover BLM formation top pick at 1253 feet.

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 1/10/2022

BLM FLUID MINERALS P&A Geologic Report

Date Completed: 01/10/2022

Well No. Bisti Gallup 20 #3 (API# 30-045-33983)	Location	435	FNL	&	2185	FWL
Lease No. NMNM-025448	Sec. 20	T25N			R12W	
Operator DJR Operating, LLC	County	San Juan		State	New Mexico	
Total Depth 5150'	PBTD 5089'	Formation Gallup				
Elevation (GL) 6298'		Elevation (KB) 6310'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm	Surface	450			Possible freshwater sands
Ojo Alamo Ss	450	585			Aquifer (possible freshwater)
Kirtland Shale	585	757			
Fruitland Fm	757	1203			Coal/Gas/Possible water
Pictured Cliffs Ss	1203	1307			Gas
Lewis Shale	1307	1480			
Chacra	1480	1928			Gas
Cliff House Ss	1928	2000			Water/Possible gas
Menefee Fm	2000	3586			Coal/Ss/Water/Possible O&G
Point Lookout Ss	3586	3745			Probable water/Possible O&G
Mancos Shale	3745	4616			
Gallup	4616	PBTD			O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

- BLM estimated formation tops using Reference Well #1 and data from the subject well file.
- BLM estimates for the for the Pictured Cliffs, Fruitland and Ojo Alamo formation tops vary from Operator's.
- No CBL on file.
- **Bring the bottom of Plug #4 (Pictured Cliffs) down to 1253'.**
- The plugs proposed in the P&A procedure, with recommended changes, will adequately protect any freshwater sands in this well bore.
- Gallup perms 4760' – 4857'.

Reference Well:

1) **Formation Tops**
DJR Operating, LLC
Bisti Gallup 20 #2
660' FNL, 1980' FEL
Sec. 20, T25N, R12W
6291' GL

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 89893

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 89893
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/15/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	3/15/2022