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

Sundry Print Report

05/03/2021

Well Name: SOUTH BISTI 30-O

Well Location: T26N / R13W / SEC 30 / SWSE / 36.45276 / 108.25694

County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMSF080402

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452848100S1

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 01/25/2021

Time Sundry Submitted: 09:55

Date proposed operation will begin: 01/25/2021

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

South_Bisti_30_O_1_Reclamation_Plan_20210125095506.pdf

South_Bisti__30_O_1_Proposed_WBD_20210125095453.pdf

South_Bisti__30_O_1_Current_WBD_20210125095444.pdf

South_Bisti_30_O_1_PxA_Procedure_20210125095434.pdf

Well Name: SOUTH BISTI 30-O

Well Location: T26N / R13W / SEC 30 / SWSE / 36.45276 / 108.25694

County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMSF080402

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452848100S1

Well Status: Oil Well Shut In

Operator: DJR OPERATING LLC

Conditions of Approval

Specialist Review

General_Requirement_P_A_20210316102748.pdf

Additional Reviews

26N13W30OKg_South_Bisti_Gallup_30O_1_20210430094338.pdf

Authorized Officer

PA_COA_notifications_20210503125047.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 25, 2021 09:55 AM

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: CHRISTOPHER P WENMAN

BLM POC Title: Natural Resource Specialist

BLM POC Phone: 5055647600

BLM POC Email Address: cwenman@blm.gov

Disposition: Approved

Disposition Date: 05/03/2021

Signature: Chris Wenman

Plug and Abandonment Procedure

for

DJR Operating, LLC

South Bisti 30O 1

API # 30-045-28481

SW/SE, Unit O, Sec. 30, T26N, R13W

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, TIH with bit and scraper, make sure that the bit and scraper will go to 5214'. Drop standing valve. Pressure test tubing to 1000 psi. Recover standing valve. TOOH.
13. Plug 1. Perforations and Gallup: RU cement equipment.
14. TIH to 5214'. Mix and spot a 161' plug of Class G cement from 5214' to 5053'.

15. Tag TOC. Roll hole. Pressure test casing to 600 psi. If casing does not test, contact engineering.

16. Plug 2. Mancos: Mix and spot a 100' balanced plug of Class G cement from 4220' to 4120'.

17. Plug 3. Mesa Verde and Chacra: Mix and spot a 885' balanced plug of Class G cement from 2685' to 1800'.

18. Plug 4: Pictured Cliffs: Mix and spot a 100' balanced plug of Class G cement from 1606' to 1506'.

19. Plug 5: Fruitland, Kirtland. Ojo Alamo and surface casing shoe: Mix and spot balanced plug from 1279' to surface with Class G cement.

20. 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.

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

22. 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

South Bisti 30O 1

API # 30-045-28481
SW/SE, Unit O, Sec 30, T26N, R13W
San Juan County, NM

GL	**6502'**
KB	**6514'**
Spud Date	**1/2/1991**

SURF CSG

Hole size	12.25"
Csg Size:	8.625"
Wt:	24#
Grade:	J-55
ID:	8.097"
Depth	362'
Csg cap ft^3:	0.3576
TOC:	Surface

Circulated cement to surface.

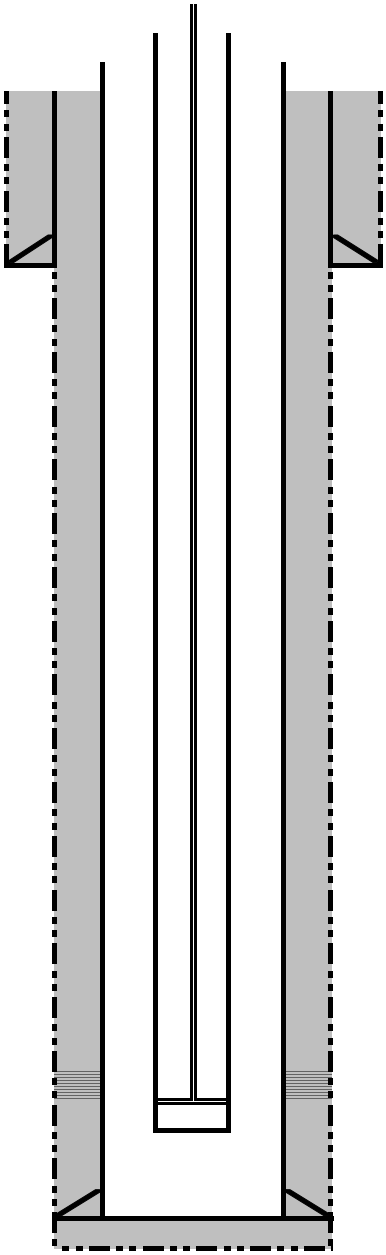
PROD CSG

Hole size	7.875"
Csg Size:	5.5"
Wt:	15.5#
Grade:	J-55
ID:	4.95"
Depth	5443'
Csg cap ft^3:	0.1336
Csg/Csg Ann ft^3:	0.1926
Csg/OH cap ft^3:	0.1732
TOC:	Surface

Circulated cement to surface.

FORMATION TOPS*

Nacimiento	**Surface**
Ojo Alamo	**N/A**
Kirtland	**853'**
Fruitland	**1229'**
Pictured Cliffs	**1556'**
Chacra	**1850'**
Cliff House	**2635'**
Mancos	**4170'**
Gallup	**5103'**



Perfs 5203-14'

PBTD 5397'
TD 5450'

Prod Tubing Detail:

2-3/8" tbg. string: MA, 4' PS, SN (5201), 6 jts., TAC (5012'), 159 jts. tbg. EOT @ 5233'

Rod Detail

2"x1-1/2"x16' RWAC pump, 4x3/4" stabilizer sub, 4x1-1/4" sinker bars, 202x3/4" rods,rods,1-1/4"x22' polished rod with 1-1/2"x10' liner.

Proposed Wellbore Diagram

DJR Operating, LLC

South Bisti 30O 1

API # 30-045-28481
SW/SE, Unit O, Sec 30, T26N, R13W
San Juan County, NM

GL	**6502'**
KB	**6514'**
Spud Date	**1/2/1991**

SURF CSG

Hole size	12.25"
Csg Size:	8.625"
Wt:	24#
Grade:	J-55
ID:	8.097"
Depth	362'
Csg cap ft^3:	0.3576
TOC:	Surface

Circulated cement to surface.

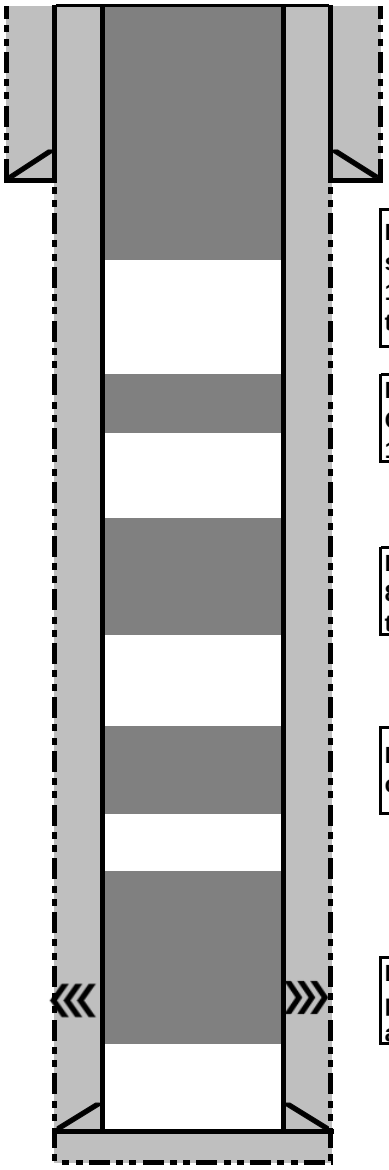
PROD CSG

Hole size	7.875"
Csg Size:	5.5"
Wt:	15.5#
Grade:	J-55
ID:	4.95"
Depth	5443'
Csg cap ft^3:	0.1336
Csg/Csg Ann ft^3:	0.1926
Csg/OH cap ft^3:	0.1732
TOC:	Surface

Circulated cement to surface.

FORMATION TOPS*

Nacimiento	**Surface**
Ojo Alamo	**N/A**
Kirtland	**853'**
Fruitland	**1229'**
Pictured Cliffs	**1556'**
Chacra	**1850'**
Cliff House	**2635'**
Mancos	**4170'**
Gallup	**5103'**



Perfs 5203-14'

PBTD 5397'
TD 5450'

Plug 5: Fruitland, Kirtland, Ojo Alamo, surface casing shoe, to surface. Spot 1279' Class G cement plug from 1279' to surface.

Plug 4: Pictured Cliffs: Spot 100' Class G cement plug from 1606' to 1506'.

Plug 3: Mesa Verde and Chacra: Spot 885' Class G cement plug from 2685' to 1800'.

Plug 2: Mancos: Spot 100' Class G cement plug from 4220' to 4120'.

Plug 1: Spot 161' Class G cement plug from 5214' to 5053' to cover perfs and top of Gallup.

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

Attachment to Notice of Intention to Abandon:

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.

BLM FLUID MINERALS
Geologic Report

Date Completed: 04/29/2021

Well No. South Bisti Gallup 30O #1 (API# 30-045-28481)			Location	330 FSL	&	1850 FEL	
Lease No. NMSF-080402			Sec. 30	T26N		R13W	
Operator DJR Operating, LLC			County	San Juan	State	New Mexico	
Total Depth 5450’	PBTD 5397’		Formation Gallup (Mancos)				
Elevation (GL) 6502’			Elevation (KB) 6514’				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm			Surface	402	Fresh water sands
Ojo Alamo Ss			402	502	Aquifer (fresh water)
Kirtland Shale			502	914	
Fruitland Fm			914	1556	Coal/Gas/Possible water
Pictured Cliffs Ss			1556	1653	Gas
Lewis Shale			1653	1850	
Chacra			1850	2329	
Cliff House Ss			2329	2399	Water/Possible gas
Menefee Fm			2399	4002	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4002	4170	Probable water/Possible O&G
Mancos Shale			4170	5103	
Gallup			5103	PBTD	O&G/Water
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

BLM geologist picks for the Menefee, Cliff House, Kirtland, Fruitland and Ojo Alamo formation tops vary from operator picks. No change required to the P&A procedure as proposed plugs adequately cover BLM and Operator formation top estimates.

- A Lewis plug is not required as the interval is not productive.
- Log analysis of reference well #2 indicates the Ojo Alamo sands investigated likely contain fresh water (≤5,000 ppm TDS). The P&A procedure adequately protects the freshwater sands in this well bore.
- Gallup perforations @ 5203’-5214’.

Reference Well:
1) **Formation Tops**
Same

2) **Water Analysis**
Central Resources
Ka Ge Tah #1
1550' FNL, 1850' FWL
Sec. 10, T25N, R12W
GL 6225’

Prepared by: *Chris Wenman*

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.

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 26659

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
DJR OPERATING, LLC 1 Road 3263 Aztec, NM87410	371838	26659	C-103F

OCD Reviewer	Condition
kpickford	None