

RECEIVED

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 19 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. 14-20-603-321

6. If Indian, Allottee or Tribe Name  
Ka Da Pa

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

Oil Well     Gas Well     Other

7. If Unit of CA/Agreement, Name and/or No.

NMNM 78386X

8. Well Name and No. Central Bisti Unit #70

2. Name of Operator DJR Operating, LLC

9. API Well No. 30-045-05529

3a. Address 1 Road 3263 Aztec, NM 87410

3b. Phone No. (include area code)  
(505) 632-3476

10. Field and Pool or Exploratory Area  
Bisti Lower Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FSL X 660' FWL Unit "M" - Sec 4-T25N-R12W

11. Country or Parish, State  
San Juan, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

DJR Operating, LLC requests permission to plug and abandon the subject well per the attached procedure, current and proposed wellbore diagram. The reclamation plan is also attached.

Notify NMOCD 24 hrs  
prior to beginning  
operations

NMOCD  
APR 16 2019  
DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Amy Archuleta

Regulatory  
Title

Signature

Date

12/18/2018

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Dave Mankiewicz

Title

AFM

Date

4/12/19

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFU

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.

(Instructions on page 2)

~~FARMINGTON~~

NMOCD

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## PLUG AND ABANDONMENT PROCEDURE

December 13, 2018

### CBU #70

Bisti Lower Gallup

660' FSL & 660' FWL, Section 4, T25N, R12W, San Juan County, New Mexico

API 30-045-05529 / Long \_\_\_\_\_ / \_\_\_\_\_

Note: This procedure is revised based on the approved P&A sundry. All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes  , No \_\_\_\_\_, Unknown\_\_\_\_\_  
Tubing: Yes  , No \_\_\_\_\_, Unknown\_\_\_\_\_, Size 2-3/8" , Length 4877'  
Packer: Yes \_\_\_\_\_, No  , Unknown\_\_\_\_\_, Type \_\_\_\_\_
4. **Plug #1 (Gallup perforations and top, 4936' – 4488')**: RIH with open ended tubing. Mix and pump 68 sxs Class G cement (long plug, 30% excess) to cover Gallup perforations, top and 4.5" liner shoe. PUH and WOC. TIH and tag cement; top off if necessary. Attempt to pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as necessary. PUH.
5. **Plug #2 (Mancos, Mesaverde and Chacra tops, 3795' – 3009')**: Mix and pump 66 sxs Class G cement and spot a balanced plug inside casing to cover the Mancos, Mesaverde and Chacra tops. TOH.
6. **Plug #3 (Pictured Cliffs top, 1152' – 1052')**: Perforate squeeze holes at 1152'. Establish injection rate. Set CR at 1102'. Mix and pump 43 sxs Class G cement; squeeze 31 sxs outside and 12 sxs inside to cover the Pictured Cliffs top. TOH.
7. **Plug #4 (Fruitland top, 854' – 754')**: Perforate squeeze holes at 854'. Establish injection rate. Set CR at 814'. Mix and pump 43 sxs Class G cement; squeeze 31 sxs outside and 12 sxs inside to cover the Fruitland top. TOH and LD tubing.
8. **Plug #5 (8-5/8" Surface casing shoe and Surface, 345' - Surface)**: Perforate 4 squeeze holes at 345'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix and pump 95 sxs down 4.5" casing and circulate good cement out annulus. Shut in well and WOC.

9. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

# CBU #70

Current

Bisti Lower Gallup

Today's Date: 12/13/18

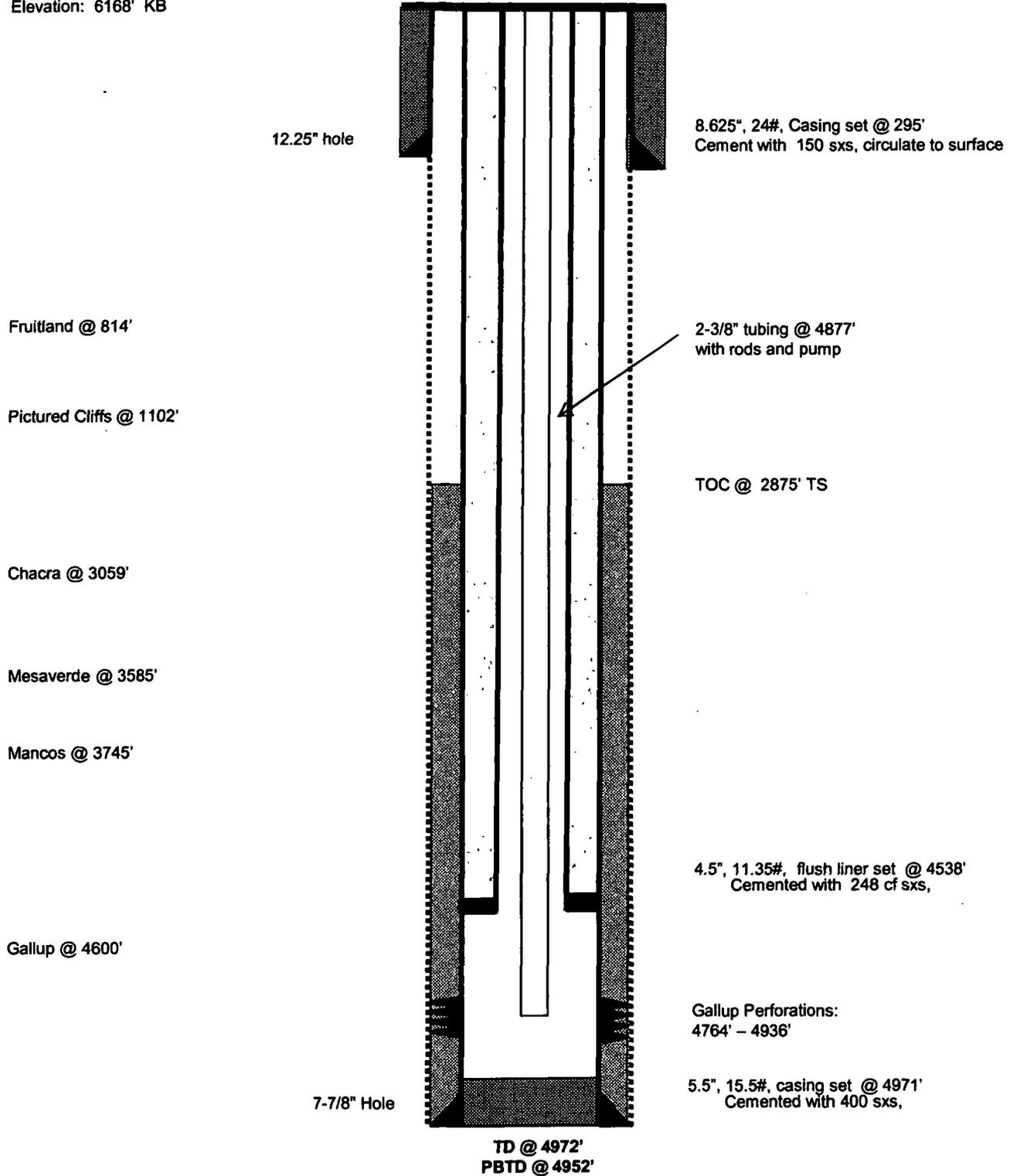
660' FSL, 660' FWL, Section 4, T-25-N, R-12-W, San Juan County, NM

Spud: 9/2/56

Lat: \_\_\_\_\_ N / Lat: \_\_\_\_\_ W, API #30-045-05529

Completion: 9/12/56

Elevation: 6168' KB



**CBU #70**  
**Proposed P&A**  
**Bisti Lower Gallup**

Today's Date: 12/13/18

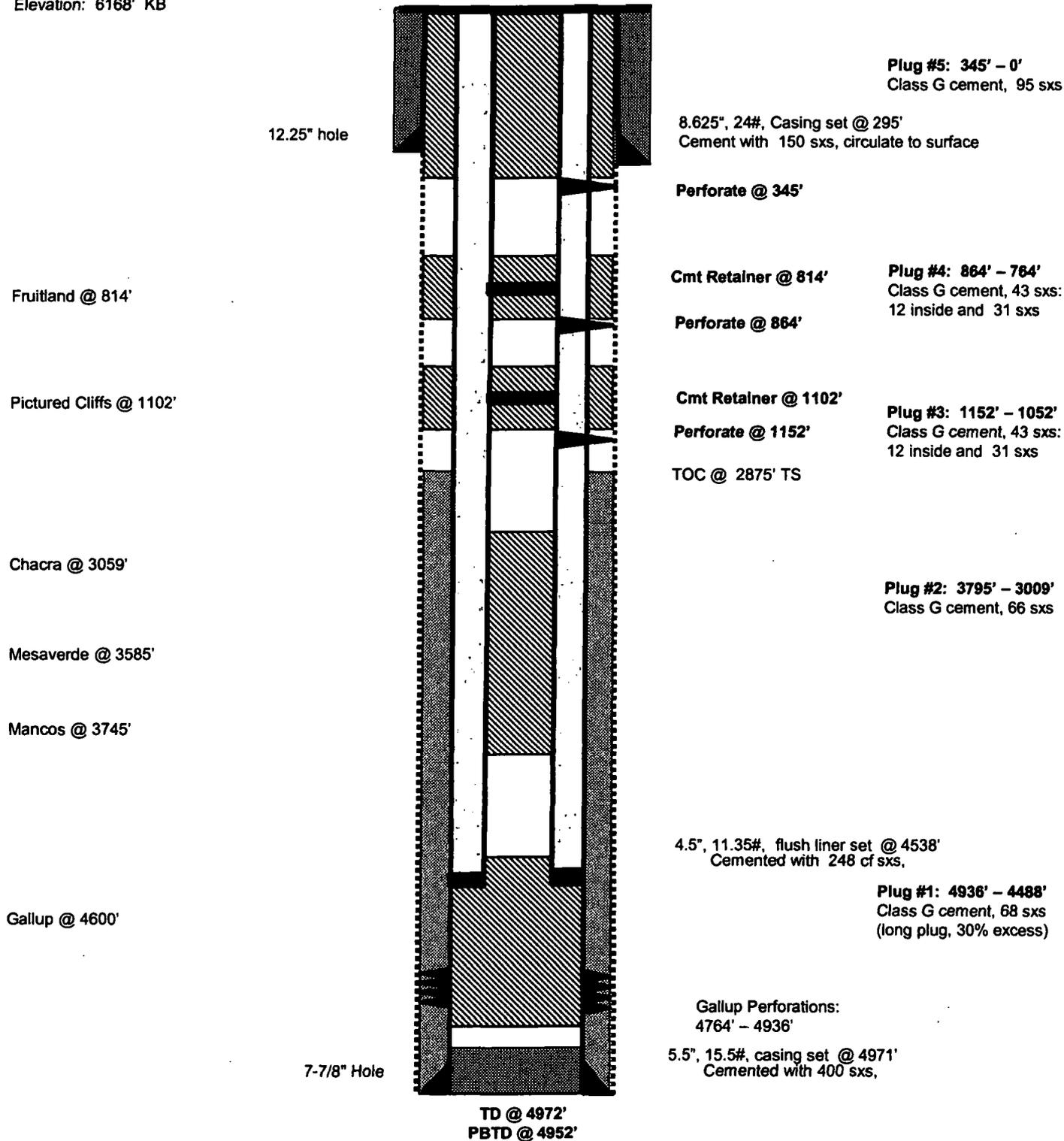
660' FSL, 660' FWL, Section 4, T-25-N, R-12-W, San Juan County, NM

Spud: 9/2/56

Lat: \_\_\_\_\_ N / Lat: \_\_\_\_\_ W, API #30-045-05529

Completion: 9/12/56

Elevation: 6168' KB



## P & A RECLAMATION PLAN

Date: November 29, 2018

FIMO Specialist: Cassandra Gould

BLM Specialist: Randy McKee

Operator: DJR Operating, LLC

Well Name & Number: Central Bisti Unit #70

API No. 30-045-05529

Section 4      Township 25 North      Range 12 West

Lease No: 14-20-603-321

Footage      660 FSL      660 FWL

County      San Juan      State      New Mexico

Surface Navajo Allotted

Twinned Location      No

Latitude/Longitude:

36.4247556115      Long: -108.1235813

### WELL PAD

Topography      Rolling Sage Hills

Stockpile Topsoil      No

Soil Type      Sandy

Vegetation Community      Badlands Enhanced

#### Vegetation Specifics

Common Name	Scientific Name	Variety	Season	Form	PLS lbs/Acre
FourWing Saltbush	Atriplex canescens	VNS	Cool	Shrub	4.0
Indian Ricegrass	Achnatherum hymenoides	Paloma or Rimrock	Cool	Bunch	5.0
Sand Dropseed	Sporobolus cryptandrus	VNS	Warm	Bunch	.5
Shadscale Saltbush	Atriplex confertifolia	VNS		Shrub	2.0
Rabbitbrush	Ericameria nauseosa		Warm	Shrub	2.0
Sagebrush	Artemisia tridentata		Warm	Shrub	2.0
Mormon Tea	Ephedra		Warm	Shrub	1.0

Vegetation Cages      No

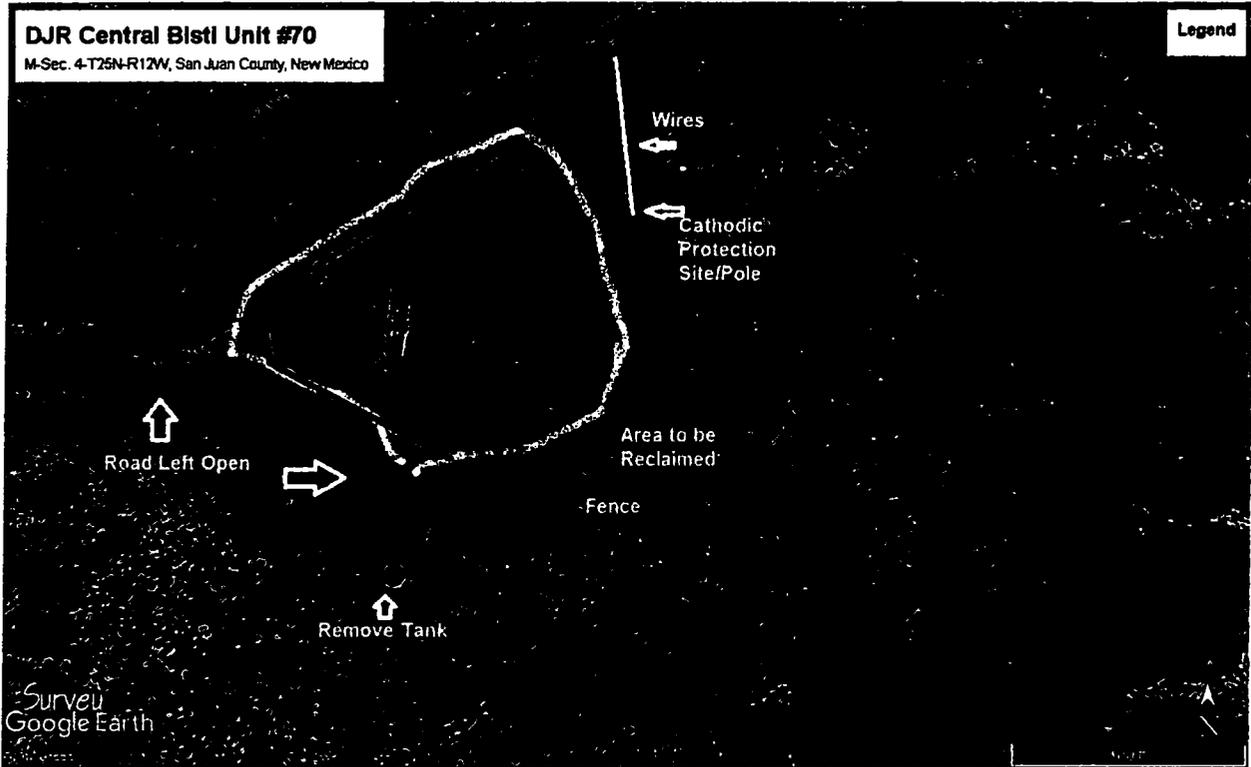
Noxious Weeds      No

#### Facilities on Location

- Pumping Unit

- Pipeline (To be Removed within pad area)
- Cathodic Protection Station (Remove Site and one pole/wires/box)
- Old Stock Tank (Off Location boundary-to be removed)

Gravel Present	Very Minimal
Steel Pits	No
Cathodic Ground bed	Yes
Trash on Location	Yes, all trash and debris will be removed
Power Poles	No
Construct Diversion Ditch	No
Contaminated Soil	Yes, around Pumping Unit (will be removed), other areas (on map)
Construct Silt Trap	No, recontour site
Recontour Disturbed Areas to Natural Terrain	Yes (Very minimal)
Location and Access Barricade	No, Road to West of Location to remain open (See Plat) and (See Plan Discussion)



**Site Reclamation Plat**

**Red indicated areas of soil to be removed during Reclamation of Site**

**ACCESS ROAD**

Access Length	Minimal
Remediation Method	Portion of Pad
Culverts	No
Cattle Guard	No
Other	Fence off with Signage

PIPELINE

Pipeline Company	DJR Operating, LLC
Relocate Riser	No
Other	N/A

GRAZING

N/A

GENERAL RECLAMATION PLAN NARRATIVE

On November 27, 2018, an on-site to discuss Surface Reclamation was conducted with attendees, Cassandra Gould of FIMO, Randy McKee of the BLM FFO, and DJR Operating, LLC Representative, Paul Lehrman. The following was discussed:

Re-contour the well site using materials from the existing site (shown on plat) as much as possible (Very minimal). Site is basically flat. Spread soil from all areas on reclaimed pad before reseeding. Feather areas taken to pad level.

Reclamation work will begin in 2019 (to be determined) (to allow for better seed germination), and after the submitted approved plugging Sundry. No new disturbance will be allowed outside current disturbed areas except as noted herein. Notification will be provided via e-mail, or phone to Randy McKee. This will be done 48 hours prior to starting dirt work. Randy McKee email: [rmckee@blm.gov](mailto:rmckee@blm.gov) and cell 505-793-1834. Cassandra Gould email: [cassandra.gould@bia.gov](mailto:cassandra.gould@bia.gov) and phone (cell) 505-252-0835.

All fences (if any), production equipment, concrete slabs, anchors, flowlines (within pad area), risers if any, (**cut at pipeline depth**), tanks, debris, and trash will be removed from location and disposed of at the proper facilities.

The reclaimed areas of the pad and all of the access road from main road to well site to be ripped to depths of a minimum of 12", leaving the surface as rough as needed, to provide sufficient root establishment, growth, and stabilization of disturbed areas.

A barrier fence with signage will be installed at the access road entrance to detour traffic to the reclaimed access road/pad.

All Seed will be distributed via drill seeding.

**BLM FLUID MINERALS  
Geologic Report**

**Date Completed: 4/12/19**

Well No.	Central Bisti Unit #70	Location	660'	FSL	&	660'	FWL
Lease No.	14-20-603-321	Sec.	4	T25N			R12W
Operator	DJR Operating, LLC	County	San Juan	State	New Mexico		
Total Depth	-----'	PBTD	4972'	Formation	Gallup		
Elevation (GL)	'	Elevation (KB)	6168'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm	Surface				Fresh water sands
Ojo Alamo Ss	107 est.				Aquifer (fresh water)
Kirtland Shale	187 est.				
Fruitland Fm	814	1102			Coal/Gas/Possible water
Pictured Cliffs Ss	1102	1527			Gas
Lewis Shale	1351 est.	1750			
Chacra (Lower)	3059				Probable water or dry
Cliff House Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss	3571 est	3745			Probable water/Possible O&G
Mancos Shale	3745	4600			
Gallup	4600	TD			O&G/Water
Greenhorn (base)					
Dakota Ss					

**Prepared by: Dave Mankiewicz**