

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
JIC1236. If Indian, Allottee or Tribe Name  
JICARILLA APACHE

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

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
JICARILLA 123 C 282. Name of Operator  
LOGOS OPERATING LLCContact: MARIE E FLOREZ  
E-Mail: mflorez@logosresourcesllc.com9. API Well No.  
30-039-22558-00-C13a. Address  
2010 AFTON PLACE  
FARMINGTON, NM 874013b. Phone No. (include area code)  
Ph: 505-787-221810. Field and Pool or Exploratory Area  
BLANCO  
WEST LINDRITH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T25N R4W NWSE 1800FSL 1580FEL  
36.426246 N Lat, 107.289177 W Lon

11. County or Parish, State

RIO ARRIBA COUNTY, 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 checked="" 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 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.

LOGOS Operating will conduct the final reclamation in accordance to the pre-on-site discussed on 11/18/2019, per the attached plan.

NMOC

JAN 08 2020

DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #497405 verified by the BLM Well Information System For LOGOS OPERATING LLC, sent to the Rio Puerco Committed to AFMSS for processing by ALBERTA WETHINGTON on 01/03/2020 (20AMW0017SE)	
Name (Printed/Typed) MARIE E FLOREZ	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 01/02/2020

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

Approved By <b>ACCEPTED</b>	SARAH SCOTT Title SUPERVISORY NATURAL RESOURCE SPECIALIST	Date 01/03/2020
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 Rio Puerco

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOC ✓

**Final Reclamation Plan  
Jicarilla 123 C 028  
30-039-22558**

**Section: 06, Township: 25N, Range: 04W, Unit: J (NWSE)  
Footage: 1800 FSL & 1580 FEL**

**Final Reclamation**

The entire well pad will be reclaimed to Bare Soil Reclamation Procedure (BSRP) reclamation standard upon abandonment/relinquishment. Final reclamation will be completed in accordance to Gold Book (USDI-USDA 2007), Bureau of Indian Affairs (BIA) 25 CFR part 169 and 211 and Jicarilla Apache Nations Codes (JANC) Title 18. LOGOS will contact the BLM-FFO, JOGA and BIA prior to commencing earthwork.

LOGOS will perform the following reclamation activities:

- Underground production piping will be pulled and removed. All fluids found within pipelines will be removed.
- Anchors, tie downs and risers will be removed.
- All gravel on the well pad surface will be removed or buried.
- Fill material will be recontoured to the original topography of the site prior to development.
- The well pad will be ripped to reduce compaction and to establish a suitable root zone in preparation for topsoil replacement.
- Natural drainage patterns will be restored as near as possible to pre-disturbance conditions on the well pad. In areas where restoring the natural drainage will cause excessive disturbance and disrupt current or established natural rehabilitation processes, water bars or diversion ditches will be employed.
- Topsoil will be redistributed across the pad surface and disked to prepare the soil for seeding. Prior to seeding, all disturbed areas will be left with a rough surface to facilitate moisture and seed retention; vegetative brush will be placed at expected discharge areas to minimize sediment transport.
- After the well pad is recontoured, the surface will be ripped disked and reseeded with a disk typed seed drill or broadcast where conditions warrant. The seed drill will be equipped with a depth regulator to ensure even planting depths are achieved correlating to the specific plant species and soil types/s. Seed will be mesa wildlife, south or north mix per the BLM-FFO, BIA and JOGA recommendation. Seeding will be accomplished as soon as reasonable possible following completion or earthwork activities. The BLM- FFO, BIA and JOGA will be notified prior to commencing with seed application and all surfaces will be seeded in accordance.
- Temporary and/or permanent storm water and erosion control BMPs will be employed across appropriate location around the pad as dictated by location drainage patterns and expected areas of disturbance and slopes. BMP selection will be determined by local factors and will be a combination of sediment and erosion controls deemed effective and low maintenance. Diversion ditches, soil blankets, and/or other suitable BMPs may be used in various combinations, as appropriate, during and after construction activities.
- The existing road will be recontoured in accordance to Gold Book (USDI-USDA 2007).

- A weed management program to control the introduction and spread of weed populations will be integrated if necessary and continue until successful reclamation is achieved.
- All surface equipment and trash, if any will be removed from the location and disposed of at an approved disposal facility.
- A Plugged and Abandoned (P&A) steel plate will be on the surface, will be permanently set in concrete and include well information and GPS for future reference.

The long term goal of final reclamation is to set the course for ecosystem restoration including the restoration of natural vegetation. LOGOS will avoid disturbance, to the greatest extent practicable in areas along the pad perimeter where healthy, mature and weed-free vegetation has become established. LOGOS will focus reclamation efforts toward de-compaction, removing sharp/angular features to approximate natural contours, re-establishing natural drainage patterns, and re-vegetating the abandoned well pad.

Monitoring requirements will remain in effect in accordance to the Gold Book (USDI-USDA 2007). LOGOS is responsible for monitoring reclamation progress and taking the necessary actions to ensure success. LOGOS will submit to the BLM-FFO a FAN requesting approval of final abandonment/relinquishment.

**Final Reclamation Plan  
Jicarilla 123 C 028  
30-039-22558**

**Section: 06, Township: 25N, Range: 04W, Unit: J (NWSE)  
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**Site Specific**

Per pre-onsite visit November 18, 2019: LOGOS: Wayne Ritter, Tamra Sessions and Marie Florez; BIA: Kurt Sandoval; JOGA: Orson Harrison, Alfred Vigil, Orlando Munoz and Jason Sandoval; BLM: Thomas S. Cuchucha Sr.

**Well Pad**

- Remove trash.
- Harvest mid-stream needs to remove dog leg and pipeline to the southwest unless connected to Jicarilla 123 C 17.
- Harvest mid-stream remove meter run - 85595.
- In front of the well pad, off bank near the road need silt trap to the northwest.
- Seed with mesa wildlife mix.
- Remove and pull +/- 8 anchors.
- Remove cable on pad.
- Clean up cement north of well pad near the drainage run off.
- Re-contour north side of pad, starting from +/- 122' off of pad by pushing up towards well pad.
- Mulch, push topsoil into stock pile and re-contour east side.
- Elevate location high enough so no drainage runs on.
- Create drainage off the side on the southeast into the drainage towards the northeast ridge in arroyo. Need a silt trap.
- Harvest needs to identify 3 dog legs. If dog legs are not being used, remove.

**Road**

- Close access road by ripping, and sloping.
- Seed with mesa wildlife mix.
- Install woven fence.