

Well Name: UMT	Well Location: T31N / R14W / SEC 22 / TR J / NWSE / 36.530803 / -108.175257	County or Parish/State: SAN JUAN / NM
Well Number: 22-D	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: UTE MOUNTAIN UTE
Lease Number: 751051025	Unit or CA Name:	Unit or CA Number:
US Well Number: 300453342300X1	Well Status: Producing Oil Well	Operator: EPIC ENERGY LLC

### Notice of Intent

Sundry ID: 2676115

Type of Submission: Notice of Intent

Type of Action: Reclamation

Date Sundry Submitted: 06/10/2022

Time Sundry Submitted: 09:16

Date proposed operation will begin: 06/10/2022

Procedure Description: Please find attached the reclamation plan.

### NOI Attachments

Procedure Description

UMT\_22D\_Reclamation\_Plan\_20220629130936.pdf

### Conditions of Approval

Specialist Review

UMT\_22\_D\_Final\_Rec\_Plan\_COAs\_20221012153532.pdf

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<b>US Well Number:</b> 300453342300X1	<b>Well Status:</b> Producing Oil Well	<b>Operator:</b> EPIC ENERGY LLC

### Operator

*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*

**Operator Electronic Signature:** ARLEEN SMITH

**Signed on:** JUN 29, 2022 01:09 PM

**Name:** EPIC ENERGY LLC

**Title:** Regulatory Specialist

**Street Address:** 332 RD 3100

**City:** AZTEC

**State:** NM

**Phone:** (505) 327-4892

**Email address:** ARLEEN@WALSHENG.NET

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** RYAN JOYNER

**BLM POC Title:** Acting AFM Mineral & Lands

**BLM POC Phone:** 9703851242

**BLM POC Email Address:** RJOYNER@BLM.GOV

**Disposition:** Accepted

**Disposition Date:** 10/18/2022

**Signature:** ryan joyner

United States Department of the Interior  
Bureau of Land Management

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Reclamation  
Plan

EPIC Energy, LLC.

Ute Mountain Tribal 22D

Plug and Abandonment  
Project

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Prepared by

Arleen Smith, Regulatory Manager

EPIC Energy, LLC.  
332 Rd 3100  
Aztec, New Mexico 87410

May  
2022

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U.S. Department of the Interior  
Bureau of Land Management  
Tres Rios Field Office  
29211 Highway 184  
Dolores, Colorado, 81323  
Phone: (970) 882-1120  
FAX: (970) 882-6841

## Reclamation Plan

Applicant	EPIC Energy, LLC.
Project Type	Reclamation of a natural oil well site.
Well, Oil and Gas Lease, or Right-of-Way (ROW) Name	Ute Mountain Tribal 22D 30-045-33423
Legal Location	Section 22 (1900' FSL, 1545' FEL), Township 31 North, Range 14 West, New Mexico Principal Meridian, in San Juan, New Mexico
Lease Number(s)	IMDA-751-05-1025

### Introduction

This reclamation plan has been prepared for the Ute Mountain Ute Tribe and the Bureau of Land Management Tres Rios Field Office.

Epic Energy, LLC contact person for this Reclamation Plan is:

Arleen Smith, Regulatory Manager  
332 Road 3100  
Aztec, New Mexico 87410  
Phone: (505) 327-4892

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### Revision of the Reclamation Plan

EPIC Energy LLC, may submit a request to the BLM/TRFO to revise the Reclamation Plan at any time during the life of the project in accordance to page 44 of the Gold Book (USDI-USDA 2007). EPIC Energy LLC will include justification for the revision request.

### Project Description

EPIC Energy is proposing to plug and abandon the Ute Mountain Tribal #22D wellbore and reclaim the well pad. This location is located on lands owned and managed by the Ute Mountain Ute Tribe - 17.3 miles West of Farmington, NM. The Ute Mountain Tribal #22D is accessed by travelling West on HWY 64 for 1.8 miles. Turn right on NM-170 traveling 8.2 miles. Turn left and continue 3.6 miles. Turn slight left onto Indian Service Rd 215 for 1.6 miles. Turn right and travel 1.7 miles and the well will be located to the left.

The access road to the Ute Mountain Tribal #22D will be closed. All rig anchors and equipment (pump jack, tank, and combustor) will be removed from location. Remove gravel and spread on the access road. Remove berm. Pull the fill to the cut and recontour the well pad. No disturbance off the well pad. Test for the full COGCC Table 910 of constituents when all equipment and rig anchors have been removed. Take test from the well pad and off the pad to compare (see map). Weed treatment will be applied before seeding in the fall.

## Estimated Total Area of Disturbance

The existing Ute Mountain Tribal #22D well pad was originally 230 ft by 280 ft with a maximum 1 ft cut and a maximum of a 1 ft fill. The access road will be closed. The well pad will be reseeded with the UMU approved referenced seed mix. The anchor and equipment will be removed, and the disturbance area will be reclaimed with Badland Community Seed mix. The well location is located on Ute Mountain Ute Tribal Land and is managed by the Ute Mountain Tribal Land Bureau. Total surface disturbance as a result of well pad be reclaimed is approximately 1.5 acres on Ute Mountain Ute Tribal Land.

The reclamation on-site visit occurred on May 23, 2022. The following persons were present at the site visit (Table 1).

Table 1. Site Visit Attendees

Name	Affiliation	Contact Info
Scott Clow	Ute Mountain	970-570-3546
Laura Hartman	BLM	970-394-4800
Arleen Smith	EPIC Energy	505-327-4892
Shawna Martinez	EPIC Energy	505-327-4892

## Vegetation Community

Based on observations made during the reclamation on-site visit, it has been determined that the vegetation community which best represents the proposed project area is the Badlands Community. The seed mix will be used with an emphasis placed on protecting reclaimed well pad from exotic plant invasion.

## Proposed Reclamation Seed Mix

Disturbance will be re-contoured, and topsoil will be redistributed and prepared for seeding by the construction contractor. Ripping, disking, and seeding of the site will be done by EPIC Energy and its contractor using the UMU-approved seed mix (Badland Community), which is shown in Table 2. The proposed reclamation seed mix takes into account the existing vegetation on the proposed project site.

Highlighted Seed Mix will be utilized for the Reclamation

**Badland Community** menu-based seed mix (minimum requirement).

Common Name	Scientific Names	Variety	Season	Form	PLS lbs/acre*
Fourwing saltbush	<i>Atriplex canescens</i>	VNS	Cool	Shrub	4.0



Indian ricegrass	<i>Achnatherum hymenoides</i>	Paloma or Rimrock	Cool	Bunch	5.0
Alkali sacaton	<i>Sporobolus airoides</i>	VNS	Warm	Bunch	0.25
Sand dropseed	<i>Sporobolus cryptandrus</i>	VNS	Warm	Bunch	0.5
Galleta	<i>Pleuraphis jamesii</i>	Viva florets	Warm	Bunch/Sod-forming	4.0

\*This reflects the drilled seeding rate of 18 PLS/ft<sup>2</sup>, it needs to be doubled if broadcast.

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## Weed Survey

During the site visit, the proposed action area was surveyed for noxious weeds listed on the New Mexico Department of Agriculture's Class A and Class B list. During the survey, no noxious weeds were found.

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## Soil Evaluation

Epic Energy, LLC Test for the full COGCC Table 910 of constituents when all equipment and rig anchors have been removed. Take test from the well pad and off the pad to compare (see map).

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## Reclamation Techniques for Successful Revegetation

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### Site Clearing

After the well is plugged the wellhead will be cut-off 3' below ground level and a 4" diameter P&A marker will be welded to the casing stub. All flow lines and anchors will be cut-off at least 3' below ground level or removed completely. The production equipment (tanks, separator) will be removed from location.

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### Topsoil Replacement

No topsoil was stock piled during the original construction of the well pad. The remaining location will be re-contoured to match the natural topography. Epic Energy (and its contractor) will take care not to mix topsoil with the underlying subsoil horizons. Topsoil and sub-surface soils will be replaced in the proper order, prior to final seedbed preparation.

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### Water Management/Erosion Control Features

Based on the site visit with the Ute Mountain Ute representative(s) and the EPIC Energy representative determined there was no need to develop any other site-specific erosion control or water management features. Based on the topography natural run off can occur with no impact as far as erosion is concerned.

EPIC Energy (or its contractors) will use erosion control blankets, straw bales, or straw wattles as appropriate to limit erosion and sediment transport from any stockpiled soils.

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## Seedbed Preparation

For cut and fill slopes, initial seedbed preparation will consist of backfilling and re-contouring to achieve a configuration as close to pre-disturbance conditions as possible. Areas to be reclaimed will be re-contoured to blend with the surrounding landscape, emphasizing restoration of existing drainage patterns and landform to pre-construction condition, to the extent practicable.

Seedbed preparation of compacted areas will be ripped to a minimum depth of 12 inches, with a maximum furrow spacing of 2 feet. Where practicable, ripping will be conducted in two passes at perpendicular directions. Disking will be conducted if large clumps or clods remain after ripping. Any tilling or disking that occurs along the contour of the slope and seed drills will also be run along the contour to provide terracing and prevent rapid run-off and erosion. If broadcast seeding is used, a dozer or other tracked equipment will track perpendicular to the slope prior to broadcast seeding.

Final seedbed preparation will consist of raking or harrowing the spread topsoil prior to seeding to promote a firm (but not compacted) seedbed without surface crusting.

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## Soil Amendments

Based on information gathered at the onsite inspection, the EPIC Energy and Bureau Land Management and Ute Mountain Ute representatives have decided collaboratively that no soil amendments will be used during reclamation of the affected environment.

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## Seeding Requirements

The seed mix chosen for this project is listed in Table 2. Seeding will occur in November or later (depending upon weather conditions) after the well has been plugged and abandoned.

A Truax seed drill or modified rangeland drill that allows for seeding species from different seed boxes at different planting depths will be used to seed the disturbed areas of the project area. EPIC Energy or its reclamation contractor will ensure that perennial grasses and shrubs are planted at the appropriate depth. Intermediate size seeds (such as wheatgrasses and shrubs) will be planted at a depth of 1 to 2 inches. Small seeds (such as alkali sacaton and sand drop seed) will be planted at a depth of 0.25 inch. In situations where differing planting depths are not practicable using available equipment, the entire seed mix will be planted no deeper than 0.25 inch.

Drill seeding may be used on well-packed and stable soils that occur on gentler slopes and where equipment and drills can safely operate. Where drill seeding is not practicable due to topography, the reclamation contractor will hand-broadcast seed using a "cyclone" hand seeder or similar broadcast seeder. Broadcast application of seed requires a doubling of the drill-seeding rate. The seed will then be raked into the ground, so the seed is planted no deeper than 0.25 inch below the surface.

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## Mulching

Based on the onsite, mulching is necessary but if needed hand seeding with hydro-mulch, excelsior netting, and/or mulch with netting could be utilized on cut and fill slopes. Mulch should be grass or straw spread at 2,000 to 3,000 pounds per acre, or approximately 1 to 2 inches deep. Mulching will consist of crimping certified weed-free straw or certified weed-free native grass hay into the soil.

Straw or native grass hay mulch can be applied by hand broadcasting or blowing to a relatively uniform depth of 2 to 3 inches, equivalent to a rate of approximately 2 tons per acre (one 74-pound bale per 800

square feet). When applied properly, approximately 20 to 40 percent of the original ground surface will be visible.

Straw or native grass hay mulch will then be anchored using one of the following methods:

- Crimper Punching – similar to roller punching, a crimper is used over the soil. The crimper has serrated disk blades about 4 to 8 inches apart that force the mulch into the soil. Crimping should be done in two directions with the final pass across the slope.

Mulch applications in extremely clayey soils should be evaluated carefully to avoid developing an adobe mixture. In these cases, a soil amendment may be beneficial.

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## Noxious and Invasive Weed Control

Should noxious or invasive weeds be documented after earthwork and seeding activities, the Ute Mountain Ute and the BLM Resource Specialist will provide EPIC Energy, LLC with specific requirements and instructions for weed treatments, including the period of treatment, approved herbicides that may be used, required documentation to be submitted to the Ute Mountain Ute and Natural Resource Specialist after treatment, and any other site-specific instructions that may be applicable.

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## Annual Monitoring

If needed, EPIC Energy will begin annual monitoring of the photo points and the vegetation line point intercept transects 2 calendar years after the completion and approval of the final earthwork and seeding. Monitoring may occur any time of the year. A completed monitoring report of the permanent photo points will be submitted by EPIC Energy to Bureau Land Management by December 31 of the year the site is monitored. Within 60 days after receipt, the Bureau Land Management will acknowledge that the report has been received and evaluated.

Vegetation line point intercept transects will be monitored annually until attainment of vegetation reclamation cover standards have been met. EPIC Energy will keep a record of the monitoring for future submittal to the Bureau Land Management at reclamation attainment.

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## Long-Term Monitoring

If needed, after the required percent revegetation standard has been attained, EPIC Energy will begin long-term monitoring. Every fifth year after attainment, EPIC Energy will monitor the site at all established photo points to ensure the site remains productive and stable. A completed monitoring report of the permanent photo points will be submitted to the Bureau Land Management by December 31 of the year the site is monitored. The Bureau Land Management will acknowledge that the report has been received and evaluated within 60 days after receipt.

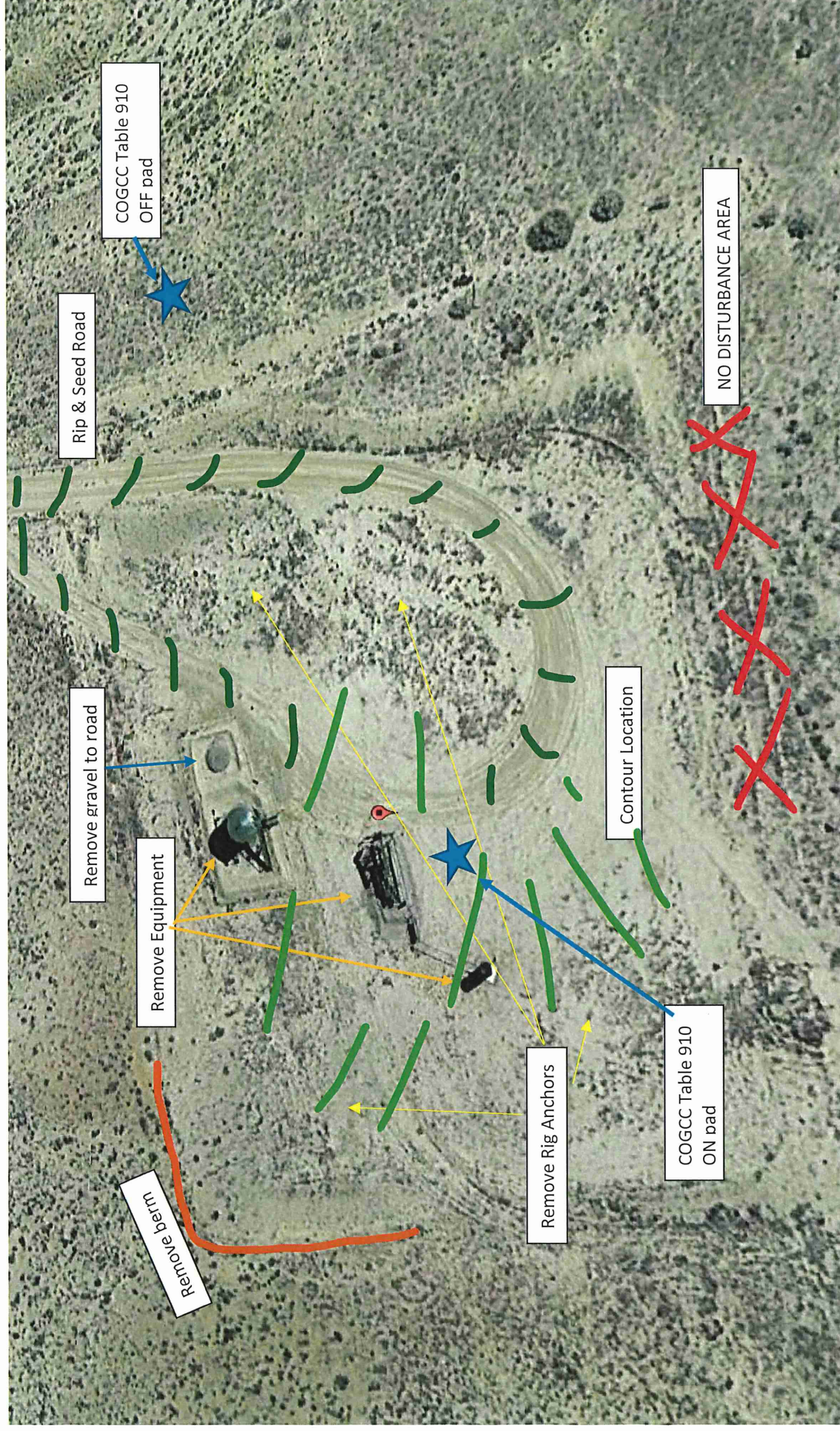
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## Cessation of Monitoring

Monitoring requirements will remain in effect as long as the permit, grant, or authorization remains in effect and until all infrastructure or associated facilities are abandoned by established UMU and BLM procedure and a FAN or relinquishment is issued by the Bureau Land Management. EPIC Energy, LLC will document that percent cover standards have been attained when submitting a request for a FAN or relinquishment.



Ute Mountain Tribal #22D – 30-045-33423  
36.8846664, -108.292717





## CONDITIONS OF APPROVAL

**Well Name:** UMT 22-D

**Lease No.:** 751051025

**Location:** Sec. 22, T. 31 N., R. 14 W.

**Operator:** Epic Energy LLC

**Application:** Sundry Notice with final reclamation plan

**Application Received by BLM:** June 10, 2022

The Sundry Notice is approved subject to the following conditions of approval:

1. Any gravel or soil on location that is contaminated is removed and disposed of properly. The waste manifest will be retained by Epic in case of request for review by BLM or Tribe.
2. UMU/BLM is notified at least 5 days in advance of collecting soil samples and initiation of earthwork
3. Samples around the well head are taken in the following manner:
  - 1 foot out from the well head:
    - i. 6 samples at regular intervals around the well head 1 ft below ground surface
  - 3 feet out from the well head:
    - i. 8 samples at regular intervals around the well head 1 ft below ground surface
4. Samples in the secondary containment berm are taken in the follow manner:
  - Below grade tank excavation:
    - i. 1, 3-point composite sample on each wall on the excavation. Samples on each wall should be taken at regular intervals along the wall, at a height about halfway from the floor and top of the excavation
    - ii. 1, 3-point composite sample taken from the floor of the excavation
  - 300 bbl tank:
    - i. 8 samples at regular intervals 1 foot out from the tank at 1 foot below ground surface
5. 1, 6-point composite sample is taken 1 foot out from the footprint of the removed combustor pad at 1 foot below ground surface (corners of pad shall be marked during removal)
6. A background soil sample shall be collected a minimum of 50 feet east of all pad disturbance
7. Global positioning system (GPS) geographic coordinates shall be provided for all soil samples, including the background sample. For composite samples, one GPS point is sufficient, and a diagram of composite aliquots shall be provided with sample result reports.

8. If any contamination is discovered during sampling that is above thresholds set by the UMU tribe, a remediation plan is submitted via sundry notice of intent
9. All sample and monitoring reports are submitted via sundry notice subsequent report
10. Upon verification that soil is free of contaminants at levels equal to or higher than Ute Mountain Ute cleanup standards, final grading of the site can proceed.
  - Grading shall be generally from the south to the north-northwest; an even and gentle slope will be constructed from the south end of the disturbed area to the bottom of the hill on the northwest side of the former tank area.
11. The access road is reclaimed following the same procedure as the rest of the pad described in the plan
12. If materials need to be hauled in to use for topsoil or backfilling, the source is approved by the UMU tribe prior to use. Written documentation verifying fill material is free of contaminants shall be provided to the Tribe.
13. At the base of the hill along the north-northwest edge of disturbance and at the toe of the disturbance to the south, a single row of straw erosion logs shall be installed to prevent offsite movement of disturbed soils. If synthetic materials are used, removal of those materials will be required prior to approval of final abandonment.
14. During recontouring, the operator should probe the access road for culverts or other buried debris. If culverts are found, they are removed and disposed of properly.
15. The seed mixture provided in the proposed reclamation plan is acceptable to the Ute Mountain Ute Tribe. Due to the relatively flat site, seed can and shall be drilled on both the pad and road. Crimped, weed-free straw mulching is required at 2 tons per acre.
16. Final reclamation earthwork and seeding is completed no later than November 30, 2022.
17. A final abandonment notice will only be issued once the UMU tribe and BLM authorized officer determine that:
  - the original landforms, as much as possible, have been restored for all disturbed areas
  - Permanent vegetative (basal and foliar) cover of native (or otherwise approved) perennial species is at least 70% of the basal and foliar cover on adjacent or nearby undisturbed areas where vegetation is in a healthy condition. Plants must be resilient as evidenced by well-developed root systems and flowers
  - Erosion features are equal to or less than surrounding area and erosion control is sufficient so that water naturally infiltrates into the soil and gullying, head-cutting, slumping, and deep or excessive rills (greater than 3 inches) are not observed
  - The site is free of state or county listed noxious weeds, oil field debris and equipment, and contaminated soil. Invasive and non-native weeds are controlled

**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 151553

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 151553
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Accepted for record, John Garcia, Petroleum Engineer	2/6/2023