



Land Reclamation Report

Dolores AIL Federal #3

Incident ID: nAPP2513446761

Vertex File Number: 23E-06064

Prepared for:

EOG Resources, Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

September 2025

EOG Resources, Inc.
Dolores AIL Federal #3

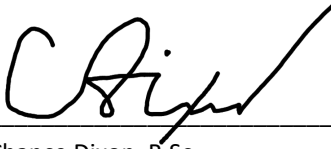
Land Reclamation Report
September 2025

Land Reclamation Report
Prometheus State Com #121H
Incident Number: nAPP2336273011

Prepared for:
EOG Resources, Inc.
5509 Champions Drive
Midland Texas, 79706

New Mexico Oil Conservation Division – District 2 – Artesia
811 S. 1st Street
Artesia, New Mexico 88210

Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220



Chance Dixon, B.Sc.
PROJECT MANAGER, REPORT REVIEW

9/12/2025

Date

Executive Summary

EOG Resources, Inc. retained Vertex Resource Services Inc. to complete an inspection and Land Reclamation procedures for Dolores AIL Federal #3 located on state land in Unit H, Section 14, Township 22 South, Range 31 East (hereafter referred to as "site"). Remedial activities were completed in July of 2025. This document provides a description of the site, summary of the previous environmental work and details of the Land Reclamation. The site is located at 32.3934001, -103.7413001 on Bureau of Land Management land. The site is located off pad and is surrounded by native range that is used for grazing. The area is largely dominated by grasses, mesquite, and snakeweed. The area surrounding the site contains similar oil and gas pads or facilities that are common in the Permian Basin. The site is located on mostly level land.

Table of Contents

1.0 Introduction 1

2.0 Background 1

 2.1 Site Description..... 1

 2.2 Ecological Setting 1

3.0 Land Reclamation 1

 3.1 Site evaluation 1

 3.1.1 Release Area and Reclamation 1

 3.2 Erosion Control 2

 3.3 Revegetation..... 2

 3.3.1 Seeding 2

 3.3.2 Reclamation Standards..... 2

 3.4 Weed Management 2

4.0 Monitoring Program 2

 4.1 Land Reclamation Report Closure Denial 2

 4.2 Final Assessment and Closure Request 2

5.0 References..... 4

6.0 Limitations 5

EOG Resources, Inc.
Dolores AIL Federal #3

Land Reclamation Report
September 2025

List of Appendices

- Appendix A. Reclamation Site Schematic
- Appendix B. Seeding Field Report with Photographs
- Appendix C. BLM Seed Mixture Application
- Appendix D. Custom Soil Resource Report
- Appendix E. Remediation Closure Report Approved by NMOCD

1.0 Introduction

It is the intent of this reclamation report to provide documentation for the reclaimed release area that met New Mexico Oil Conservation Division (NMOCD) reclamation criteria after the site received Remediation Closure Approval on September 12, 2025.

2.0 Background

2.1 Site Description

The site is located approximately 44 miles east of Carlsbad, New Mexico, located on Bureau of Land Management land. The site is surrounded by other oil and gas production areas to the north, west, east and south, and native rangeland. The site is mostly level.

2.2 Ecological Setting

The site is situated in the Chihuahuan Desert Grasslands. This ecoregion is characterized as including the following natural vegetation: black grama (*Bouteloua eriopoda* Torr.), dropseeds (*Sporobolus flexuosus*, *S. contractus*, *S. cryptandrus*), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*). The mean annual air temperature is between 60 and 62 °F. Mean annual precipitation is between 10 to 13 inches and the frost-free period is between 190 and 205 days. The site is within the 1w43 National Map Unit and the soil type at the site (Berino-Cacique) is classified as "Not prime farmland". Major soils at the site are "Berino and similar soils" (50%), "Cacique and similar soils" (40%) and "Minor components" (10%). The full Soil Resource Report is included in Appendix E. Land use in the area is predominantly rangeland.

3.0 Land Reclamation

The Land Reclamation for the site (surface reclamation) is detailed below. This section outlines the principles that were used during the surface reclamation phase for the site. A site schematic that outlines the reclamation areas is included in Appendix A. The Daily Site Visit Report detailing seeding is provided in Appendix C and the New Mexico State Land Office (NMSLO) Seed Mixture Application is included in Appendix D.

3.1 Site Evaluation

The land use surrounding the site is defined as natural; therefore, the end land use would be natural land. A natural area is described as: away from human habitation and activities, where the primary concern is the protection of ecological receptors. The site will be reclaimed so that the capability of the land will match that of the areas immediately surrounding the site, which consists of rangeland. The area around the release is undisturbed pastureland native to sandy loamy areas. Currently, the site consists of a level area. No site contouring was necessary.

3.1.1 Release Area and Reclamation

Remediation of the reportable release was completed in July 2025. The Remediation Closure Report was approved by NMOCD on September 12, 2025. Surface reclamation included determination of background topsoil depth as the site conditions are required to meet pre-existing conditions. Reclamation of the location was completed after

backfilling operations. Initial reseeding was completed on July 16, 2025. A clean, locally sourced topsoil was imported to the site to backfill the excavation.

3.2 Erosion Control

There are currently no erosion concerns on-site, and the use of erosion control devices at this location is not anticipated; however, erosion control devices will be installed at the discretion of the on-site environmental inspector.

3.3 Revegetation

3.3.1 Seeding

A seed mix suitable for the site and surrounding area was used and applied at appropriate rates. Seed composition chosen was the BLM #1 loamy seed mixture. Reseeding was conducted via hand broadcasting, and hand-raking seeds to be embedded into the soil at double the application rate. A Revegetation report will be submitted after regrowth has exceeded 70%. A copy of the BLM seed mixture is included in Appendix C.

3.3.2 Reclamation Standards

Reclamation success will meet requirements outlined in Chapter 6 of The Gold Book (U.S. Department of the Interior and U.S. Department of Agriculture, 2007) which states that “a self-sustaining, vigorous, diverse, native (or otherwise approved) plant community is established on site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife habitat or forage production”.

3.4 Weed Management

The site will be monitored for vegetative growth throughout all phases of the project. Should noxious or troublesome weeds be identified on-site, a weed management program will be implemented. The weed management program will identify weed species of concern and utilize active and effective control methods. These methods include but are not limited to chemical (herbicide) control, mechanical (mowing) control, or biological control as approved by governing regulatory agencies.

4.0 Monitoring Program

Inspections will be conducted every 90 days, during the growing season, to monitor site progression and assess the need for additional best management practices (BMPs) until the site reaches the desired 70 percent coverage as per 19.15.29.13 *New Mexico Administrative Code* Inspections will include photographs of the site and BMPs implemented.

4.1 Final Assessment and Closure Request

Vertex recommends no additional action to address the now reclaimed area. There are no anticipated risks to human, ecological, or hydrological receptors at the site. The site has been reclaimed, contoured, and seeded with the appropriate NMSLO seed mix for loamy soils.

EOG Resources, Inc.
Dolores AIL Federal #3

Land Reclamation Report
September 2025

Vertex respectfully requests that this reclamation report for the approved remedial area be approved as all closure requirements outlined in 19.15.29.13 NMAC have been met. Tap Rock certifies that all information in this report and the appendices are correct and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD and NMSLO requirements.

Inspections are conducted every 90 days. If site conditions are at or nearing background conditions, a final revegetation report will be completed. The report will provide a summary of reclamation work performed, a summary and interpretation of monitoring data collected, interpretation of historical monitoring data, and suggested corrective actions if applicable.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com.

5.0 References

- Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C. (2006). *Ecoregions of New Mexico*. Available at: <https://www.epa.gov/eco-research/ecoregion-download-files-state-region-6#pane-29>
- United States Department of Agriculture, Natural Resources Conservation Service. (2024). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- U.S. Department of the Interior and U.S. Department of Agriculture. (2007). *Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development: The Gold Book*. Fourth edition. Available at: <https://www.blm.gov/sites/blm.gov/files/Gold%20Book%202007%20Revised.pdf>

6.0 Limitations

This report has been prepared for the sole benefit of Jonah Energy. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and New Mexico State Land Office, without the express written consent of Vertex Resource Services Inc. (Vertex) and Jonah. Any use of this report by a third party, or any reliance on decisions made based on it, or damage suffered as a result of the use of this report are the sole responsibility of the user.


The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

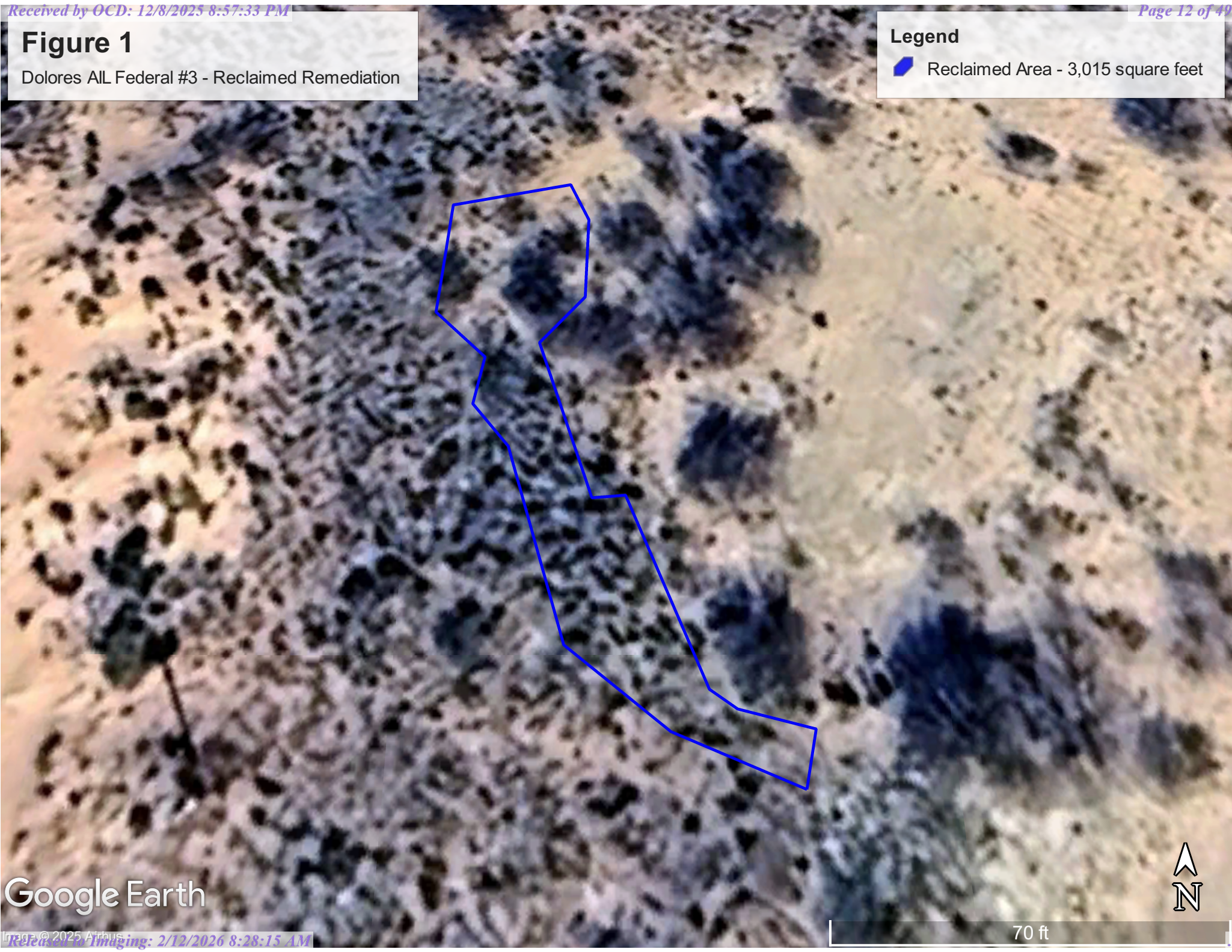
Appendix A - Reclamation Site Schematic

Figure 1

Dolores AIL Federal #3 - Reclaimed Remediation

Legend

 Reclaimed Area - 3,015 square feet



Google Earth



70 ft

Appendix B - Seeding Field Report with Photographs



Daily Site Visit Report

Site Photos

Viewing Direction: North



Descriptive Photo - 1
Viewing Direction: North
Desc: Placard
Created: 7/18/2025 12:05:37 PM
Lat:32.993337, Long:-103.741890

Placard

Viewing Direction: Northwest



Descriptive Photo - 2
Viewing Direction: Northwest
Desc: Area northwest corner of pad, southeast of backfilled excavation.
Created: 7/18/2025 12:38:14 PM
Lat:32.993327, Long:-103.741548

Area northwest corner of pad, southeast of backfilled excavation.

Viewing Direction: Northwest



Descriptive Photo - 3
Viewing Direction: Northwest
Desc: Area southeast of backfilled excavation.
Created: 7/18/2025 12:38:29 PM
Lat:32.993407, Long:-103.741894

Area southeast of backfilled excavation.

Viewing Direction: Northwest

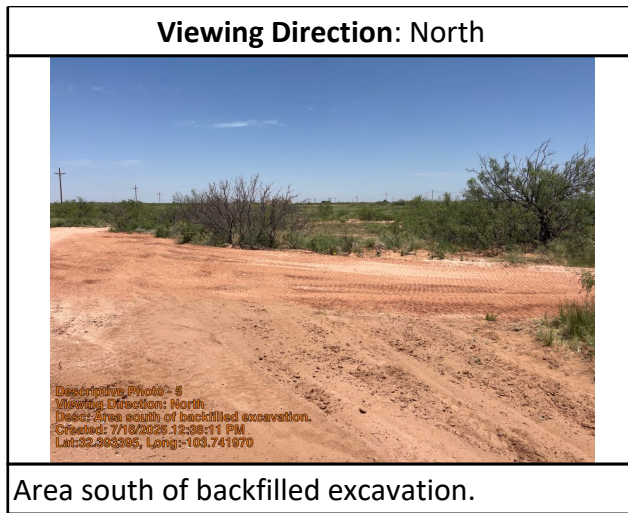


Descriptive Photo - 4
Viewing Direction: Northwest
Desc: Area southeast of backfilled excavation.
Created: 7/18/2025 12:37:33 PM
Lat:32.993396, Long:-103.741958

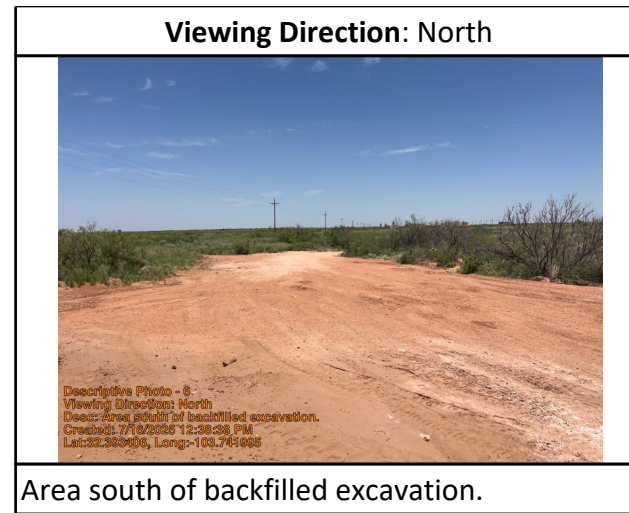
Area southeast of backfilled excavation.



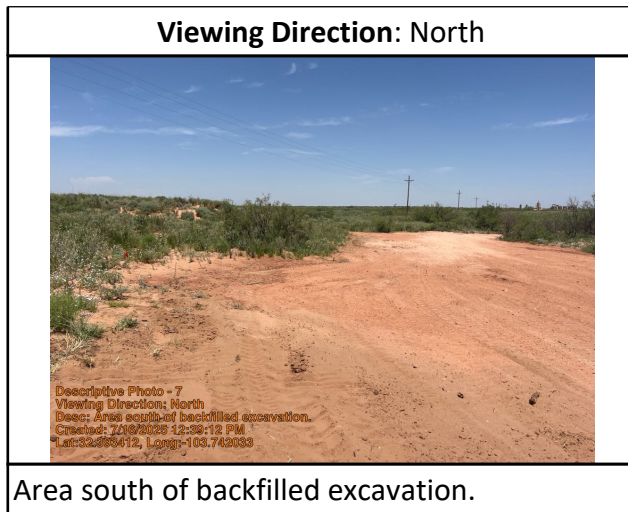
Daily Site Visit Report



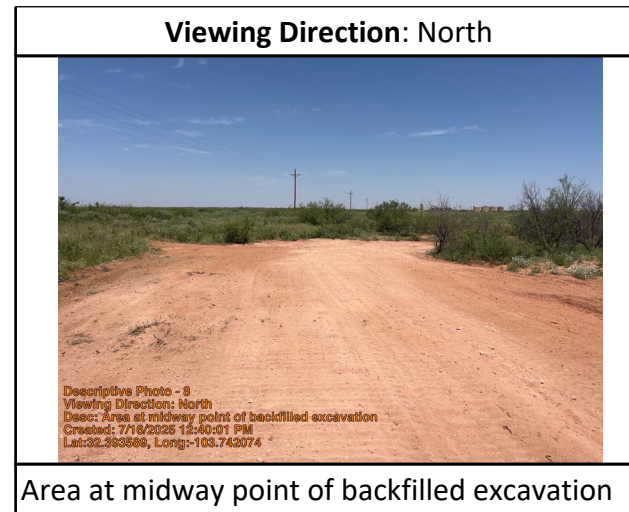
Area south of backfilled excavation.



Area south of backfilled excavation.



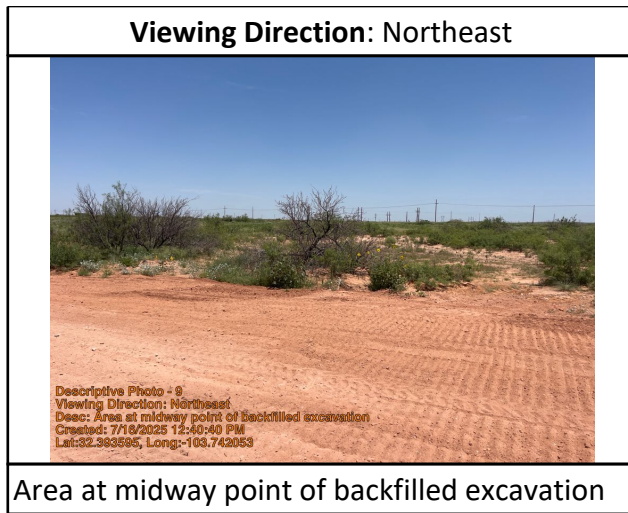
Area south of backfilled excavation.



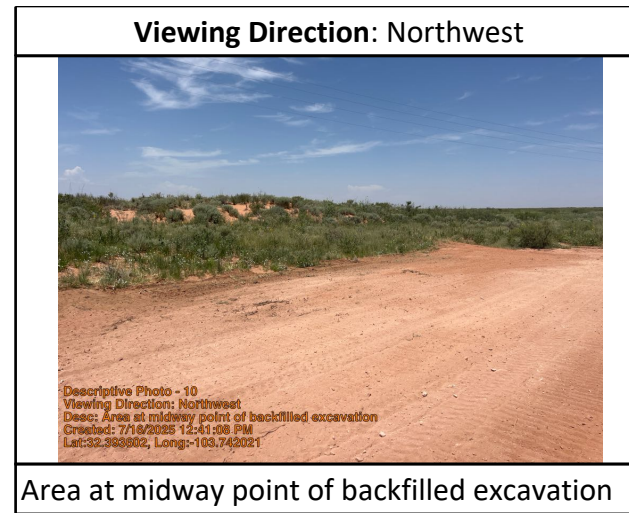
Area at midway point of backfilled excavation



Daily Site Visit Report



Area at midway point of backfilled excavation



Area at midway point of backfilled excavation



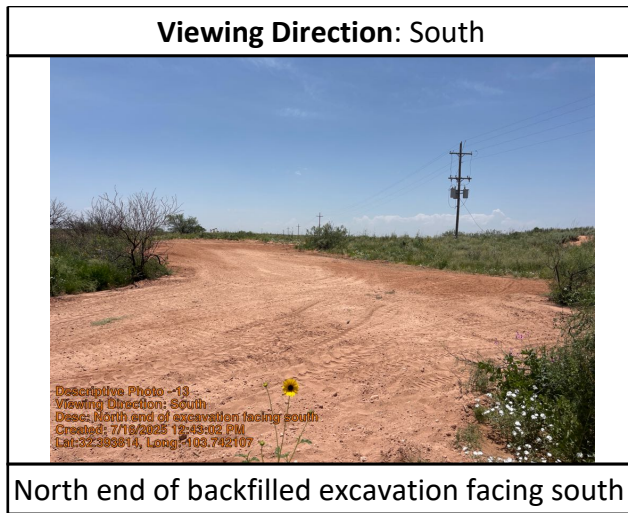
North end of backfilled excavation



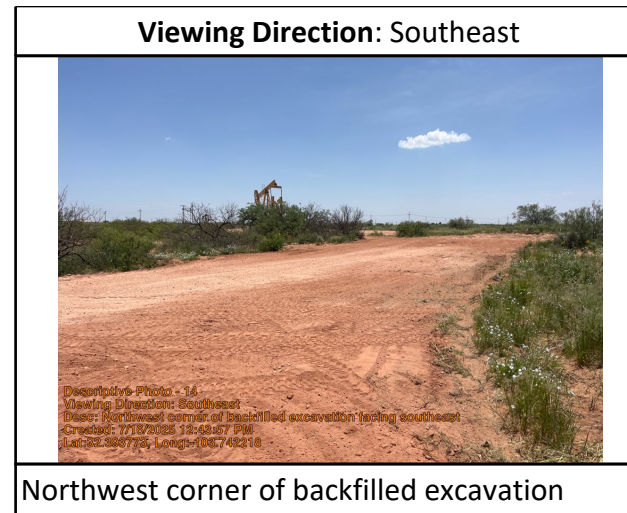
North end of backfilled excavation



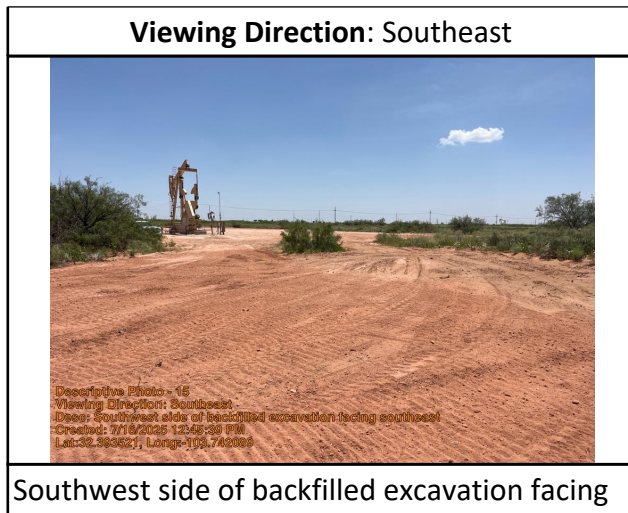
Daily Site Visit Report



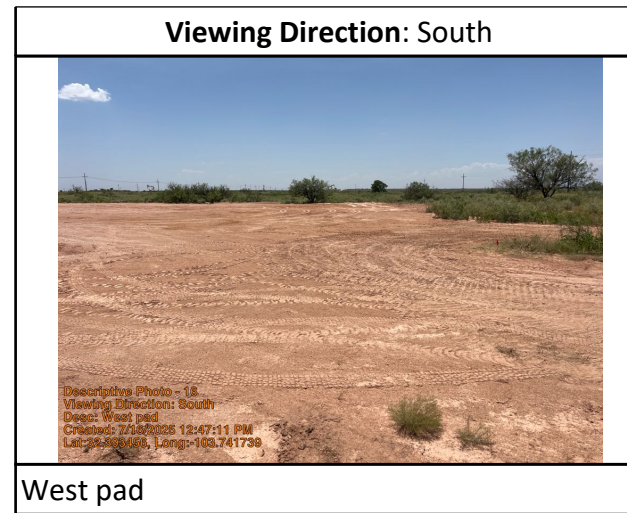
North end of backfilled excavation facing south



Northwest corner of backfilled excavation facing southeast



Southwest side of backfilled excavation facing southeast



West pad

Appendix C - BLM Seed Mixture Application

Seed Mixture 1 for Loamy Sites

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed shall be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed shall be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre shall be doubled. The seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|--|----------------|
| Plains lovegrass (Eragrostis intermedia) | 0.5 |
| Sand dropseed (Sporobolus cryptandrus) | 1.0 |
| Sideoats grama (Bouteloua curtipendula) | 5.0 |
| Plains bristlegrass (Setaria macrostachya) | 2.0 |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species

| | <u>lb/acre</u> |
|--|----------------|
| Sand dropseed (Sporobolus cryptandrus) | 1.0 |
| Sand love grass (Eragrostis trichodes) | 1.0 |
| Plains bristlegrass (Setaria macrostachya) | 2.0 |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Seed Mixture 3, for Shallow Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|---|----------------|
| Plains Bristlegrass (<i>Setaria macrostachya</i>) | 1.0 |
| Green Sprangletop (<i>Leptochloa dubia</i>) | 2.0 |
| Sideoats Grama (<i>Bouteloua curtipendula</i>) | 5.0 |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Mixture 4, for Gypsum Sites

The holder shall seed all the disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|---|----------------|
| Alkali Sacaton (<i>Sporobolus airoides</i>) | 1.5 |
| DWS~ Four-wing saltbush (<i>Atriplex canescens</i>) | 8.0 |

~DWS: DeWinged Seed

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Seed Mixture for LPC Sand/Shinnery Sites ONLY USE IF IN TIMING RESTRICTION POLYGON, NOT GREEN COA LAYER

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. Seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|---------------------|----------------|
| Plains Bristlegrass | 5lbs/A |
| Sand Bluestem | 5lbs/A |
| Little Bluestem | 3lbs/A |
| Big Bluestem | 6lbs/A |
| Plains Coreopsis | 2lbs/A |
| Sand Dropseed | 1lbs/A |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Seed Mixture for LPC/HEA Sites ONLY USE IF IN LPC HEA YELLOW POLYGON

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

The disturbed area associated with pipeline construction will be disked in order to loosen the soil. Seed application will be performed by dispersing seed through a hydroseeder with the appropriate amount of hydromulch to assist in an even rate of application. After application, a chain harrow will be implemented to cover the seed with soil to ensure the seed is had the proper depth (approximate 1/2 inch). Seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|-----------------------|----------------|
| Plains Bristlegrass | 5lbs/A |
| Sand Bluestem | 5lbs/A |
| Little Bluestem | 5lbs/A |
| Big Bluestem | 5lbs/A |
| Plains Coreopsis | 5lbs/A |
| Sand Dropseed | 1lbs/A |
| Partridge Pea | 1.6 lbs/A |
| Purple Prairie Clover | 0.4 lbs/A |
| Fire wheel | 0.4lbs/A |

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

Appendix D - Custom Soil Resource Report

Custom Soil Resource Report

Eddy Area, New Mexico**KM—Kermit-Berino fine sands, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit**Setting**

Landform: Plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Description of Berino**Setting**

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser

Custom Soil Resource Report

Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Appendix E - Remediation Closure Report Approved by NMOCD



nAPP2513446761

Release Assessment and Closure

Dolores AIL Federal #3

Section 14, Township 22 South, Range 31 East

API: 30-015-26722

County: Eddy

Vertex File Number: 25A-00478

Prepared for:

EOG Resources, Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

August 2025

EOG Resources, Inc.
Dolores AIL Federal #3

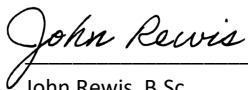
Release Assessment and Closure
August 2025

Release Assessment and Closure
Dolores AIL Federal #3
Section 14, Township 22 South, Range 31 East
API: 30-015-26722
County: Eddy

Prepared for:
EOG Ressources, Inc.
5509 Champions Dr.
Midland, Texas 79706

New Mexico Oil Conservation Division – District 2
811 S. 1st Street
Artesia, New Mexico 88210

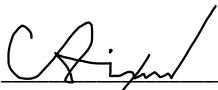
Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220



John Rewis, B.Sc.
ENVIRONMENTAL TECHNICIAN, REPORTING

8/26/2025

Date



Chance Dixon, B.Sc.
PROJECT MANAGER, REPORT REVIEW

8/26/2025

Date

Table of Contents

1.0 Introduction 1

2.0 Incident Description 1

3.0 Site Characteristics 1

4.0 Closure Criteria Determination 2

5.0 Remedial Actions Taken..... 4

6.0 Closure Request..... 5

7.0 Land Reclamation 5

 7.1 End Land Use and Capability 5

 7.2 Soil Replacement 5

 7.3 Restoration of Drainage 5

 7.4 Erosion Control 5

 7.5 Re-vegetation 5

 7.5.1 Seeding 5

 7.5.2 Reclamation Standards 6

 7.6 Weed Management 6

8.0 Monitoring Program 6

9.0 Final Summary..... 6

7.0 References 7

8.0 Limitations 8

In-text Tables

- Table 1. Closure Criteria Determination
- Table 2. Closure Criteria for Soils Impacted by a Release

List of Figures

- Figure 1. Confirmatory Sampling Site Schematic

List of Tables

- Table 3. Confirmatory Sample Field Screen and Laboratory Results

List of Appendices

- Appendix A. Closure Criteria Research Documentation
- Appendix B. Daily Field Reports with Photographs
- Appendix C. Laboratory Data Reports and Chain of Custody Forms

1.0 Introduction

EOG Resources, Inc (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water and crude release that occurred on January 23, 2025, at Dolores AIL Federal #3 API 30-015-26722 (hereafter referred to as the "site"). Notification of release was reported to the New Mexico Oil Conservation Division (NMOCD) on May 14, 2025. A C-141 application for a remediation plan was submitted to NMOCD on May 20, 2025, and was granted approval on June 2, 2025. Incident ID number nAPP2513446761 assigned to this incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for closure of this release, with the understanding that reclamation of the release site was completed following remediation activities as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on January 23, 2025, due to internal corrosion of a poly flow line. The incident involved the release of approximately 20 barrels (bbl.) of produced water and 5 bbl. of produced oil into the pasture. Approximately 1 bbl. of free fluid was removed during initial clean-up. Additional details relevant to the release are presented in the C-141 Report. Daily Field Report (DFRs) and site photographs are included in Appendix B.

3.0 Site Characteristics

The site is located approximately 45 miles east of Carlsbad, New Mexico. The legal location for the site is Section 14, Township 22 South and Range 31 East in Eddy County, New Mexico. The release area is located on Federal property. An aerial photograph and site schematic are presented on Figure 1.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The following sections specifically describe the release area in the pasture on or in proximity to the constructed pad (Figure 1).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2025) indicates the site's surface geology primarily comprises Qep – eolian and piedmont deposits (Holocene to middle Pleistocene), and the soil at the site is characterized as fine sands (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Additional soil characteristics include a drainage class of excessively drained with a runoff class of negligible. The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with plains and alluvial fans with elevations ranging between 3,100 and 4,200 feet. The climate is semiarid with average annual precipitation ranging between 10 and 14 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to dropseeds, threeawns,

and bluestems. Grasses with shrubs and half-shrubs dominate the historic plant community (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The nearest active DTGW reference is an exploratory borehole that was established by Carmona Resources, LLC. (Carmona). The borehole was placed approximately 0.74 miles away from the site. It was recorded as a dry hole at 105 feet bgs in 2022. The borehole was included as reference in the remediation plan for the site that was referenced in Section 1.0.

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 1.57 miles southeast of the site (United States Fish and Wildlife Service, 2025).

At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

EOG Resources, Inc.
Dolores AIL Federal #3

Release Assessment and Closure
August 2025

| Closure Criteria Determination | | | |
|---|---|------------------|-----------------------------------|
| Site Name: DOLORES AIL FEDERAL #3 | | | |
| Spill Coordinates: 32.393339, -103.741514 | | X: UTM 618364.55 | Y: UTM 3584732.18 |
| Site Specific Conditions | | Value | Unit |
| 1 | Depth to Groundwater (nearest reference) | >105 | feet |
| | Distance between release and nearest DTGW reference | 3,907 | feet |
| | | 0.74 | miles |
| Date of nearest DTGW reference measurement | | March 2, 2022 | |
| 2 | Within 300 feet of any continuously flowing watercourse or any other significant watercourse | 8,314 | feet |
| 3 | Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark) | 35,559 | feet |
| 4 | Within 300 feet from an occupied residence, school, hospital, institution or church | 32,165 | feet |
| 5 | i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or | 8,208 | feet |
| | ii) Within 1000 feet of any fresh water well or spring | | feet |
| 6 | Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves | No | (Y/N) |
| 7 | Within 300 feet of a wetland | 19,149 | feet |
| 8 | Within the area overlying a subsurface mine | No | (Y/N) |
| | Distance between release and nearest registered mine | 41,866 | feet |
| 9 | Within an unstable area (Karst Map) | Low | Critical High Medium Low |
| | Distance between release and nearest unstable area | 20,480 | feet |
| 10 | Within a 100-year Floodplain | >500 | year |
| | Distance between release and nearest FEMA Zone A (100-year Floodplain) | 53,744 | feet |
| 11 | Soil Type | KM | |
| 12 | Ecological Classification | Deep Sand | |
| 13 | Geology | Qep | |
| NMAC 19.15.29.12 E (Table 1) Closure Criteria | | >100' | <50' 51-100' >100' |

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 2.

| | Constituent | Limit |
|-------------------------------|--------------------|--------------|
| 0-4 feet bgs (19.15.29.13) | Chloride | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | 100 mg/kg |
| DTGW > 100 feet (19.15.29.12) | Chloride | 20,000 mg/kg |
| | TPH (GRO+DRO+MRO) | 2,500 mg/kg |
| | GRO+DRO | 1,000 mg/kg |
| | BTEX | 50 mg/kg |
| | Benzene | 10 mg/kg |

DTGW – Depth to groundwater

bgs – Below ground surface

TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics

BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

Delineation of the release area was completed on February 5, 2025, which identified the area of the release specified in the initial C-141 Report and estimated the approximate volume of the release. The impacted area was determined to be approximately 3,025 square feet. Documentation of all delineation activities is included in the approved remediation plan.

Remediation efforts began on June 26, 2025, and were finalized on July 7, 2025. Vertex personnel supervised the excavation of impacted soils. Field screening was completed with a total of 26 sample points and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and silver nitrate titration (chlorides). Soils were first removed to a depth of 4 feet bgs to determine if any exceedances remained via composite sampling. Further excavation at sample point BS25-14 was completed to 5 feet bgs after lab results determined that the 4-foot sample exceeded closure criteria. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. A DFR documenting final remediation before backfill is presented in Appendix B.

Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 27 samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 3, and the laboratory data reports are included in Appendix C. All confirmatory samples collected and analyzed were below closure criteria for the site.

Samples collected on June 26, 2025, were collected, stored on ice and transported straight to Cardinal by Vertex the same day as collected. The samples did not have enough time to reach the state-required temperature of 6 degrees Celsius. By rule, the state of New Mexico allows 24 hours for the samples to reach the desired temperature. Cardinal

confirmed with Vertex that the samples fell within state requirements as they arrived at the lab on ice. A Case Narrative confirming this is included in Laboratory Report H253889 in Appendix C.

6.0 Closure Request

The release area was fully delineated, remediated, and backfilled with clean local soils. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations "greater than 100 feet to groundwater". Based on these findings EOG Resources, Inc. requests that this release be closed.

7.0 Land Reclamation

The Land Reclamation for the site (surface reclamation) is detailed below. This section outlines the principles that were used during the surface reclamation phase for the site. The outline of the reclamation area did not veer from the remediation area depicted in Figure 1. The Daily Site Visit Report detailing seeding is provided in Appendix B.

7.1 End Land Use and Capability

The land use surrounding the site is defined as natural; therefore, the end land use would be natural land. A natural area is described as: away from human habitation and activities, where the primary concern is the protection of ecological receptors. The site was reclaimed so that the capability of the land matches that of the areas immediately surrounding the site, which consists of rangeland.

7.2 Soil Replacement

Surface reclamation included determination of background topsoil depth as site conditions are required to meet pre-existing conditions. Reclamation of the location and of the was completed after backfilling operations. Clean, locally sourced topsoil and caliche were imported to the site to backfill the excavation (Table 4). The entire reclamation area was fenced with a 4-strand barbed wire fence.

7.3 Restoration of Drainage

Currently, the site consists of a mostly-level pasture area. The site was contoured to match surrounding topography as near as practicable to restore natural drainage. Any compaction on-site was addressed by de-compaction to an approximate depth of 12 inches. All de-compaction activities were conducted post-backfill procedures and pre-seeding to maximize seed to soil contact and promote vegetation establishment.

7.4 Erosion Control

There are currently no erosion concerns on-site, and the use of erosion control devices at this location is not anticipated; however, erosion control devices will be installed at the discretion of the on-site environmental inspector.

7.5 Re-vegetation

7.5.1 Seeding

A seed mix suitable for the site and surrounding area was used and applied at appropriate rates. Seed establishment and re-vegetation will be monitored, bi-annually, to determine success. An NMSLO loamy seed mix consisting of

Sideoats grama – 4.0 lb/acre, Blue grama – 1 lb/acre, Black grama – 1 lb/acre, Sand dropseed – 2 lb/acre, Alkali sacaton – 1 lb/acre, Little bluestem 1.5 lb/acre was obtained for the site and administered by Vertex personnel. Seeding was completed using a tractor with rotating discs and broadcasted on all areas under reclamation. Photo documentation of the excavation area after backfilling and seeding is located in Appendix B.

7.5.2 Reclamation Standards

Reclamation success will meet requirements outlined in Chapter 6 of The Gold Book (United States Department of the Interior and U.S. Department of Agriculture, 2007) which states that “a self-sustaining, vigorous, diverse, native (or otherwise approved) plant community is established on site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife habitat or forage production”.

7.6 Weed Management

The site will be monitored for vegetative growth throughout the year. Should noxious vegetation be identified on-site, a control program will be implemented and managed as required.

Weed management programs will identify weed species of concern and utilize effective control methods. These methods include but are not limited to chemical (herbicide) control, mechanical (mowing) control or biological control as approved by governing regulatory agencies.

8.0 Monitoring Program

Tri-annual inspections will be conducted during the growing season, to monitor site progression and assess the need for additional best management practices (BMPs). Inspections will include photographs of the site and BMPs implemented.

9.0 Final Summary

Reclamation of the release has been completed. Vertex will monitor the site for vegetative growth with the specifications listed in Section 8. During the tri-annual inspections, if site conditions are at or nearing background conditions with 70% coverage, the final reclamation/re-vegetation report will be completed. The report will provide a summary of the vegetation establishment, a summary and interpretation of monitoring data collected, interpretation of historical monitoring data, and suggested corrective actions if applicable.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertexresource.com.

10.0 References

- Google Inc. (2025). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>
- New Mexico Bureau of Geology and Mineral Resources. (2025). *Interactive Geologic Map*. Retrieved from <https://maps.nmt.edu/>
- New Mexico Department of Surface Water Quality Bureau. (2025). *Assessed and Impaired Waters of New Mexico*. Retrieved from <https://gis.web.env.nm.gov/oem/?map=swqb>
- New Mexico Energy, Minerals and Natural Resources Department. (2025). *OCD Permitting - Spill Search*. Retrieved from <https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/Data/Spills/Spills.aspx>
- New Mexico Mining and Minerals Division. (2025). *Coal Mine Resources in New Mexico*. Retrieved from <https://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=5f80f3b0faa545e58fe747cc7b037a93>
- New Mexico Office of the State Engineer. (2025a). *Point of Diversion Location Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html>
- New Mexico Office of the State Engineer. (2025b). *Water Column/Average Depth to Water Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html>
- New Mexico Office of the State Engineer. (2025c). *Well Log/Meter Information Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html>
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2025). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- United States Department of Homeland Security, Federal Emergency Management Agency. (2025). *FEMA Flood Map Service: Search by Address*. Retrieved from <https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor>
- United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html
- United States Geological Survey. (2025). *National Water Information System: Web Interface*. Retrieved from <https://waterdata.usgs.gov/nwis>
- United States Fish and Wildlife Service. (2025). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

11.0 Limitations

This report has been prepared for the sole benefit of EOG Resources, Inc. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) and EOG Resources, Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 532999

QUESTIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2513446761 |
| Incident Name | NAPP2513446761 DOLORES AIL FEDERAL #3 @ 30-015-26722 |
| Incident Type | Produced Water Release |
| Incident Status | Reclamation Report Received |
| Incident Well | [30-015-26722] DOLORES AIL FEDERAL #003 |

| | |
|---|------------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | DOLORES AIL FEDERAL #3 |
| Date Release Discovered | 01/23/2025 |
| Surface Owner | Federal |

| | |
|--|------------------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| | |
|---|--|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Corrosion Pipeline (Any) Crude Oil Released: 5 BBL Recovered: 1 BBL Lost: 4 BBL. |
| Produced Water Released (bbls) Details | Cause: Corrosion Pipeline (Any) Produced Water Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Initial release reported as 4 bbls, upon delineation and investigation of the impact area, it was further determined to be a larger release. Calculated to be ~5 bbls crude oil and ~20 bbls produced water. |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

| | |
|--|---------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 12/08/2025 |
|--|--|

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|--|--------------------------------|
| Site Characterization | |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

| | |
|---|------------|
| Remediation Plan | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 33600 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 39270 |
| GRO+DRO (EPA SW-846 Method 8015M) | 34390 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 413 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 6.4 |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| On what estimated date will the remediation commence | 06/20/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 06/20/2025 |
| On what date will (or was) the remediation complete(d) | 07/01/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 3025 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 600 |
| What is the estimated surface area (in square feet) that will be remediated | 3025 |
| What is the estimated volume (in cubic yards) that will be remediated | 600 |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i> | |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|---|----------------------------------|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | FEEM0112342028 LEA LAND LANDFILL |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | No |
| OR is the off-site disposal site, to be used, an NMED facility | No |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@egoresources.com Date: 12/08/2025 |
|--|--|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|----|
| Deferral Requests Only | |
| <i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|-------------------|
| Sampling Event Information | |
| Last sampling notification (C-141N) recorded | 480657 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 07/07/2025 |
| What was the (estimated) number of samples that were to be gathered | 1 |
| What was the sampling surface area in square feet | 200 |

| | |
|--|---|
| Remediation Closure Request | |
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i> | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 3020 |
| What was the total volume (cubic yards) remediated | 1264 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 3020 |
| What was the total volume (in cubic yards) reclaimed | 1264 |
| Summarize any additional remediation activities not included by answers (above) | The attached document provides a comprehensive report of all remediation activities completed for the site. |

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 12/08/2025 |
|--|--|

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS, Page 7

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|--|--|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| Requesting a reclamation approval with this submission | Yes |
| What was the total reclamation surface area (in square feet) for this site | 3025 |
| What was the total volume of replacement material (in cubic yards) for this site | 648 |
| <i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i> | |
| Is the soil top layer complete and is it suitable material to establish vegetation | Yes |
| On what (estimated) date will (or was) the reseeded commence(d) | 07/15/2025 |
| Summarize any additional reclamation activities not included by answers (above) | Please see the attached Reclamation Report for full details. |
| <i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. | |
| I hereby agree and sign off to the above statement | Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 12/08/2025 |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 8

Action 532999

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|----|
| Revegetation Report | |
| <i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i> | |
| Requesting a restoration complete approval with this submission | No |
| <i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i> | |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 532999

CONDITIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 532999 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| nvez | Reclamation report approved. Pending re-vegetation report. | 2/12/2026 |