Incident Number: nAPP2513552135



Release Assessment and Closure

Juniper BIP Federal Com #012H

Unit A, Section 08, Township 24 South, Range 29 East

API: 30-015-40754

County: Eddy

Vertex File Number: 25A-03030

Prepared for:

EOG Resources, Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

July 2025

Release Assessment and Closure July 2025

Release Assessment and Closure
Juniper BIP Federal Com #012H
Unit A, Section 08, Township 24 South, Range 29 East

API: 30-015-40754 County: Eddy

Prepared for:

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New Mexico Oil Conservation Division

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Carlsbad, New Mexico 88220

John Rewis, B.Sc. 7/15/2025

Date

Chance Dixon, B.Sc.

PROJECT MANAGER, REPORT REVIEW

ENVIRONMENTAL TECHNICIAN, REPORTING

7/15/2025

Date

Release Assessment and Closure July 2025

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Release Assessment and Closure July 2025

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Release Assessment and Closure July 2025

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 oil release that occurred on May 15, 2025, at Juniper BIP Federal Com #021H API 30-015-40754 (hereafter referred to as the "site"). EOG submitted an initial C-141 Release to New Mexico Oil Conservation Division (NMOCD) on May 15, 2025. Incident ID number nAPP2513552135 was 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 full closure of this release, with the understanding that no restoration of the release site is needed.

2.0 Incident Description

The release occurred on May 15, 2025, due to the well on-site being hit by fracking operations from a nearby location, causing fluids to overflow from the tanks. The incident was reported on May 15, 2025, and involved the release of approximately 1,470 barrels (bbl.) of produced water and produced oil into lined containment. All standing fluids and saturated gravel were removed from the liner after the release. Additional details relevant to the release are presented in the C-141 Report.

3.0 Site Characteristics

The site is located approximately 22 miles southeast of Carlsbad, New Mexico. The legal location for the site is Unit A, Section 8, Township 24 South and Range 29 East in Eddy County, New Mexico. The release area is located on Bureau of Land Management property. An aerial photograph and site schematic are presented in 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 Qp – piedmont and alluvial deposits (Holocene to lower Pleistocene), and the soil at the site is characterized as loam (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Additional soil characteristics include a drainage class of well drained with a runoff class of high. The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018).

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 on or in proximity to the constructed pad (Figure 1).

The surrounding landscape is associated with plains with elevations ranging between 1,100 and 4,300 feet. The climate is semiarid with average annual precipitation ranging between 7 and 14 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be black grama and threeawns. Grasses with shrubs and half-shrubs dominate the historical 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.

Release Assessment and Closure July 2025

4.0 Closure Criteria Determination

The nearest active well to the site is a New Mexico Office of the State Engineer (NMOSE) monitoring well located approximately 1.14 miles northwest of the location (United States Geological Survey, 2025). Data from 2014 shows the NMOSE borehole recorded a depth to groundwater of 26 feet below ground surface (bgs). Information pertaining to the depth to ground water determination is included in Appendix A.

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 0.13 miles north 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.

Release Assessment and Closure July 2025

nill Coo	e: Juniper BIP Federal Com #012H rdinates: 32.2359314, -103.9999466	X: 594219.75	Y: 3567025.98				
-	ific Conditions	Value	Unit				
ne spec	Depth to Groundwater (nearest reference)	36	feet				
		6,019	feet				
1	Distance between release and nearest DTGW reference	1.14	miles				
	Date of nearest DTGW reference measurement	January 30, 2014					
	Within 300 feet of any continuously flowing						
2	watercourse or any other significant watercourse	214	feet				
2	Within 200 feet of any lakebed, sinkhole or playa lake	42.244	f 1				
3	(measured from the ordinary high-water mark)	13,341	feet				
	Within 300 feet from an occupied residence, school,	45.704					
4	hospital, institution or church	15,794	feet				
	i) Within 500 feet of a spring or a private, domestic fresh						
	water well used by less than five households for	6,978	feet				
5	domestic or stock watering purposes, or						
	ii) Within 1000 feet of any fresh water well or spring	6,978	feet				
	Within in a second of social and because a second of						
	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a						
6	municipal ordinance adopted pursuant to Section 3-27-3	No	feet				
O	NMSA 1978 as amended, unless the municipality	INO	reet				
	specifically approves						
7	Within 300 feet of a wetland	1,394	feet				
	Within the area overlying a subsurface mine	1,394 No	feet				
8	within the area overlying a subsurface mine	INO	reet				
0	Distance between release and nearest registered mine	55,341	feet				
			Critical				
	Within an unstable area (Karst Map)	Medium	High				
9	within an distable area (Karst Wap)	Wiediaiii	Medium				
			Low				
	Distance between release and nearest unstable area	0	feet				
	Within a 100-year Floodplain	500	year				
10	Distance between release and nearest FEMA Zone A (100-year Floodplain)	2,716	feet				
11	Soil Type	Upt	on Gravelly Loam				
12	Ecological Classification		Shallow				
13	Geology		Qp				
	01						
			<50'				
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	51-100'				
			>100'				

Release Assessment and Closure July 2025

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

Table 2. Closure Criteria for Soils Impacted b	y a Release DTGW <50 f	eet bgs
Minimum depth below any point within the		
horizontal boundary of the release to groundwater		
less than 10,000 mg/l TDS	Constituent	Limit
	Chloride	600 mg/kg
< 50 feet	TPH (GRO+DRO+MRO)	100 mg/kg
< 50 feet	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS - total dissolved solids

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

BTEX – benzene, toluene, ethylbenzene and xylenes

bgs - below ground surface

DTGW - depth to groundwater

5.0 Liner Inspection

Notification that a liner inspection was scheduled to be completed was provided to the NMOCD on July 9, 2025. Visual observation of the liner was completed on all sides and the base of the containment, around equipment, and of all seams in the liner when the gravel was removed. As evidenced in the Daily Field Report (Appendix B), liner integrity was confirmed.

6.0 Closure Request

Vertex recommends no remediation action to address the release at the site. The release area was fully investigated on July 9, 2025, and the secondary containment was intact and contained the release. Based on these findings, EOG Resources, Inc. requests that this release be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met.

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

Release Assessment and Closure July 2025

7.0 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://nmemnrd.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 Fish and Wildlife Service. (2025). *National Wetland Inventory Surface Waters and Wetlands*. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/
- United States Geological Survey. (2025). *National Water Information System: Web Interface*. Retrieved from https://waterdata.usgs.gov/nwis

Release Assessment and Closure July 2025

8.0 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.

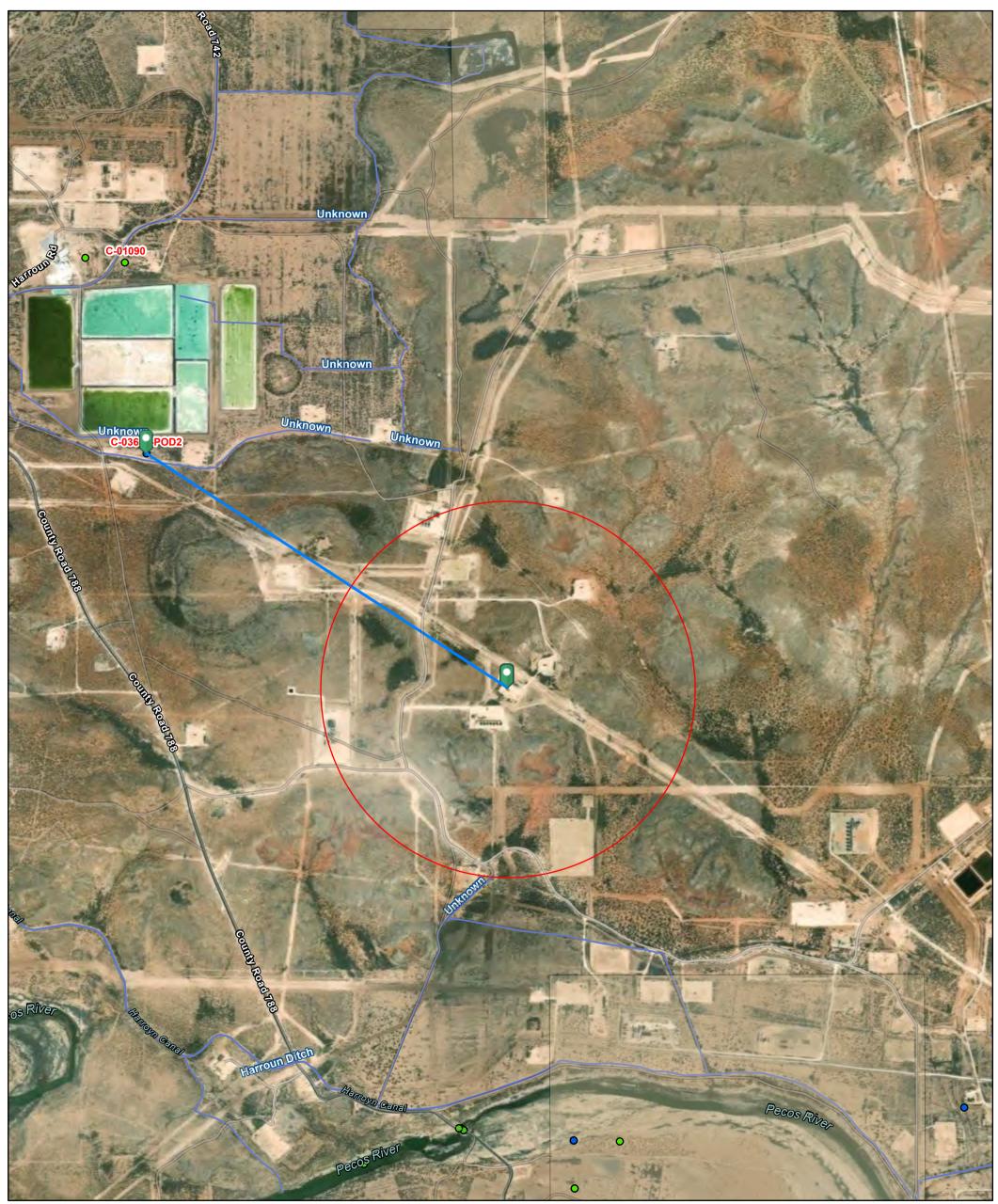
The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement 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.

FIGURE



APPENDIX A – Closure Criteria Research Documentation

OSE POD Location Map



6/2/2025, 8:05:16 AM

Override 1

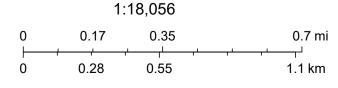
GIS WATERS PODs New Mexico State Trust Lands

- Active

Subsurface Estate

- Pending
- Conveyances

Ditch



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	х	Υ	Мар
	C 03615 POD1	NW	SW	NE	06	245	29E	591963.5	3568500.3	•

^{*} UTM location was derived from PLSS - see Help

Driller License:	1348	Driller Company:	TAYLOR WATER WELL SERVICE		
Driller Name:	TAYLOR, CLIN	NTON E. (LD)			
Drill Start Date:	2013-05-04	Drill Finish Date:	2013-05-04	Plug Date:	
Log File Date:	2013-05-10	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	5
Casing Size:	2.00	Depth Well:	60	Depth Water:	36

Water Bearing Stratifications:

Тор	Bottom	Description
50	60	Sandstone/Gravel/Conglomerate

Casing Perforations:

Тор	Bottom
50	60

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6/2/25 10:37 AM MST Point of Diversion Summary

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Water Right Summary



C 03615	Subbasin:	CUB	Cross Reference:
MON MONITORING WELL			
PMT Permit			
	Subfile:		Header:
0.000	Cause/Case:		
SOUTHWEST SALT COMPANY LLC	Owner Class:	Agent	
MORRIS T WORLEY			
	MON MONITORING WELL PMT Permit 0.000 SOUTHWEST SALT COMPANY LLC	MON MONITORING WELL PMT Permit Subfile: 0.000 Cause/Case: SOUTHWEST SALT COMPANY LLC Owner Class:	MON MONITORING WELL PMT Permit Subfile: 0.000 Cause/Case: SOUTHWEST SALT COMPANY LLC Owner Class: Agent

Documents on File

(acre-fee

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
get images	<u>524242</u>	EXPL	2013-03-13	PMT	LOG	C-3615	Т	0.000	0.000
								_	

Current Points of Diversion

POD Number	Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар	Other Location Desc
C 03615 POD1		Shallow	NW	SW	NE	06	245	29E	591963.5	3568500.3	•	SWS-1 HARROUN FARM
C 03615 POD2		Shallow	SE	NE	SE	06	245	29E	592661.4	3568013.9		SWS-2 HARROUN FARM

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Juniper BIP Federal Com #021H Watercourse 214ft



June 2, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

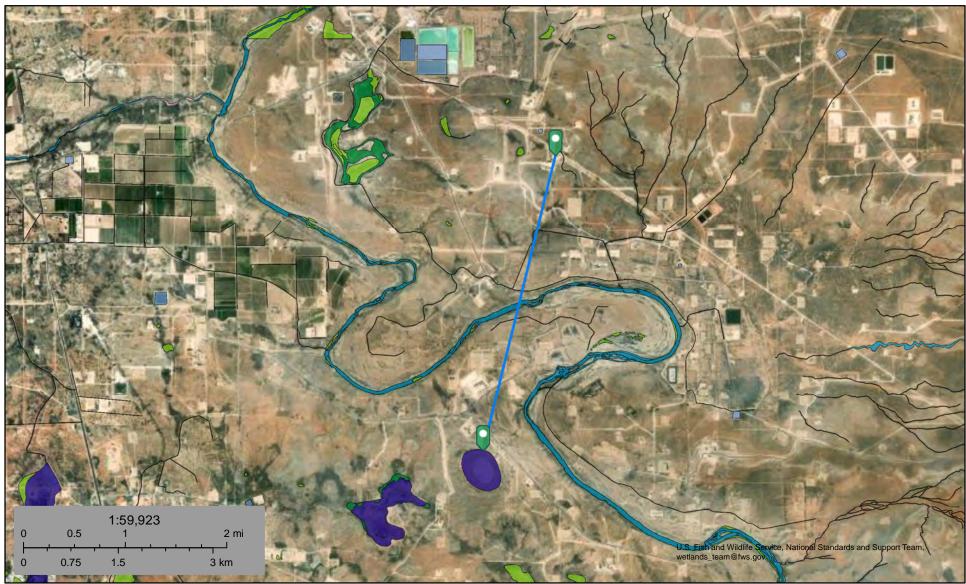
Riverine

Other

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Juniper BIP Federal Com #021H Playa 13,341ft



June 2, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland

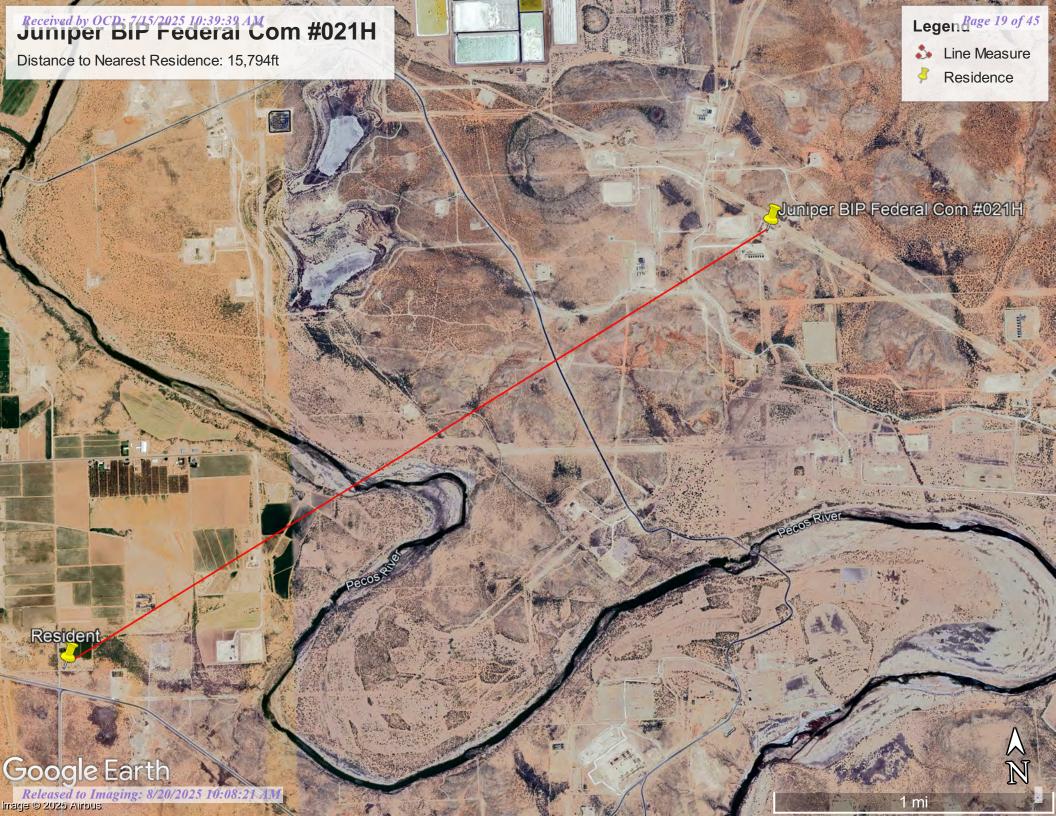
Other

Riverine

Freshwater Pond



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Active & Inactive Points of Diversion

(with Ownership Information)

	(acre ft per annum)			(R=POD has been replaced and no longer serves this file, C=the file is lossed)				(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)					(NAD83 UTM in meters)						
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag		Grant	Source		q16				Range		Y	Ma
C 03615	CUB	MON	0.000	SOUTHWEST SALT COMPANY LLC	ED	C 03615 POD2				Shallow	SE	NE	SE	06	245	29E	592661.4	3568013.9	•
C 03924	CUB	EXP	0.000	EDDY COUNTY	ED	C 03924 POD1					NW	SW	SE	17	245	29E	594032.5	3565142.0	•
					ED	C 03924 POD6					NW	SW	SE	17	245	29E	594032.3	3565141.1	•
					ED	C 03924 POD2					NW	SW	SE	17	245	29E	594038.6	3565140.2	
					ED	C 03924 POD3					NW	SW	SE	17	24S	29E	594052.5	3565133.9	
					ED	C 03924 POD5					NW	SW	SE	17	245	29E	594052.0	3565132.6	
					ED	C 03924 POD4					NW	SW	SE	17	24\$	29E	594051.5	3565131.7	
C 00433	CUB	OBS	0.000	U.S. GEOLOGICAL SURVEY	ED	<u>C 00433</u>					SW	SW	NW	16	245	29E	594524.0	3565091.0 *	
C 00863	CUB	MIN	645.000	NM INTERSTATE STREAM COMM.	ED	<u>C 00863</u>				Shallow	SW	SW	NW	16	24S	29E	594524.0	3565091.0 *	•
C 00462	С	PRO	0.000	U.S. GEOLOGICAL SURVEY	ED	<u>C 00462</u>					SE	SW	NW	16	245	29E	594724.0	3565091.0 *	•
C 01808	С	STK	0.000	CLARENCE MCDONALD	ED	<u>C 01808</u>								17	245	29E	593623.0	3564984.0 *	
<u>C 00432</u>	CUB	OBS	0.000	U.S. GEOLOGICAL SURVEY	ED	<u>C 00432</u>				Shallow	NW	NW	SW	16	245	29E	594530.0	3564886.0 *	•
C 02657	С	SAN	3.000	LOVING SALT COMPANY	ED	<u>C 02657</u>					NW	NW	SW	16	245	29E	594530.0	3564886.0 *	
C 00431	CUB	OBS	0.000	U.S. GEOLOGICAL SURVEY	ED	<u>C 00431</u>				Shallow	SW	NE	SW	16	245	29E	594933.0	3564691.0 *	
C 01090	CUB	EXP	0.000	VALLEY LAND COMPANY	ED	<u>C 01090</u>						NE	NE	06	245	29E	592563.0	3568831.0 *	•
C 01091	CUB	EXP	0.000	VALLEY LAND CO.	ED	<u>C 01091</u>						NE	NE	06	245	29E	592563.0	3568831.0 *	•
<u>C 02713</u>	CUB	IND	645.000	RED BLUFF WATER POWER CONTROL DISTRICT	ED	C 02713 POD2				Shallow	NW	NE	NE	06	24S	29E	592389.5	3568849.1	
C 04481	CUB	GEO	0.000	XCEL ENERGY	ED	C 04481 POD6	NA				NE	SE	SW	03	245	29E	596747.7	3567654.9	•
					ED	C 04481 POD4	NA				NE	SE	SW	03	24\$	29E	596747.4	3567685.7	•
					ED	C 04481 POD5	NA				NE	SE	sw	03	24S	29E	596746.8	3567747.3	
C 00381	CUB	CLS	0.000	TENNESSEE PRODUCING CO.	ED	C 00381		С			SW	NE	SW	07	245	29E	591682.0	3566297.0 *	•
C 04481	CUB	GEO	0.000	XCEL ENERGY	ED	C 04481 POD7	NA				NE	SE	SW	03	145	29E	596800.0	3567655.4	•
C 04778	CUB	MON	0.000	OXY USA INC.	ED	C 04778 POD1	NA			Shallow	NW	SW	NW	15	245	29E	596200.0	3565247.6	
C 04481	CUB	GEO	0.000	XCEL ENERGY	ED	C 04481 POD1	NA				NW	SW	SE	03	245	29E	596798.8	3567778.6	•
					ED	C 04481 POD3	NA				NE	SE	SW	03	245	29E	596798.8	3567778.6	
<u>C 03615</u>	CUB	MON	0.000	SOUTHWEST SALT COMPANY LLC	ED	C 03615 POD1				Shallow	NW	SW	NE	06	245	29E	591963.5	3568500.3	•
C 04481	CUB	GEO	0.000	XCEL ENERGY	ED	C 04481 POD8	NA				NW	SW	SE	03	24\$	29E	596852.3	3567655.9	•
					ED	C 04481 POD2	NA				NW	SW	SE	03	24\$	29E	596851.5	3567748.3	
C 00463	С	PRO	0.000	U.S. GEOLOGICAL SURVEY	ED	<u>C 00463</u>				Shallow	SE	SE	SE	17	24\$	29E	594332.0	3564282.0 *	•
C 04778	CUB	MON	0.000	OXY USA INC.	ED	C 04778 POD2	NA			Shallow	NE	SW	NW	15	245	29E	596414.9	3565355.3	•
C 02713	CUB	IND	645.000	RED BLUFF WATER POWER CONTROL DISTRICT	ED	<u>C 02713</u>				Shallow	SE	SE	NW	16	245	29E	591633.3	3565944.4	•
	С	BBO	0.000	REEF EXPLORATION	ED	C 02713				Shallow	SE	SE	NW	16	245	29E	591633.3	3565944.4	

Water Right Summary



WR File Number:	C 01808	Subbasin:	С	Cross Reference:
Primary Purpose:	STK 72-12-1 LIVESTOCK WATERING			
Primary Status:	EXP Expired			
Total Acres:		Subfile:		Header:
Total Diversion:	0.000	Cause/Case:		
Owner:	CLARENCE MCDONALD	Owner Class:	Owner	

Documents on File

(acre-fe

	rn #	Doc	File/Act	1	2	Transaction Desc.	From/To Acres	Diversion
get images 46	<u>64685</u>	72121	1978-06-14	EXP	EXP	C 01808	Т	3.000

Current Points of Diversion

Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар	Other Location Desc
<u> 2 01808</u>						17	245	29E	593623.0	3564984.0 *	•	E 1/2

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Juniper BIP Federal Com #021H Page 22 of 45 Wetland 1,394ft

June 2, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake

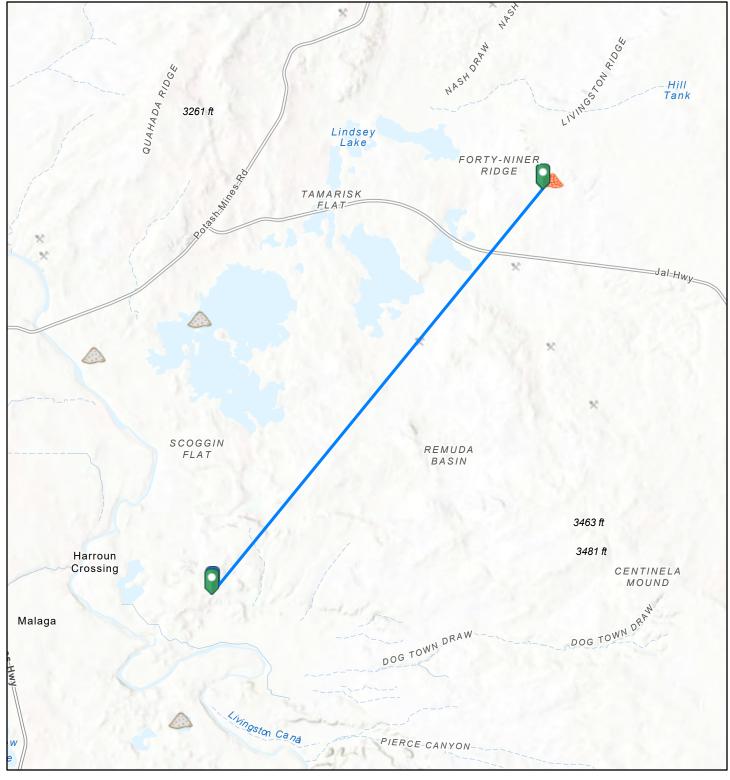
Other

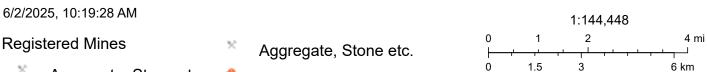
Freshwater Forested/Shrub Wetland

Riverine

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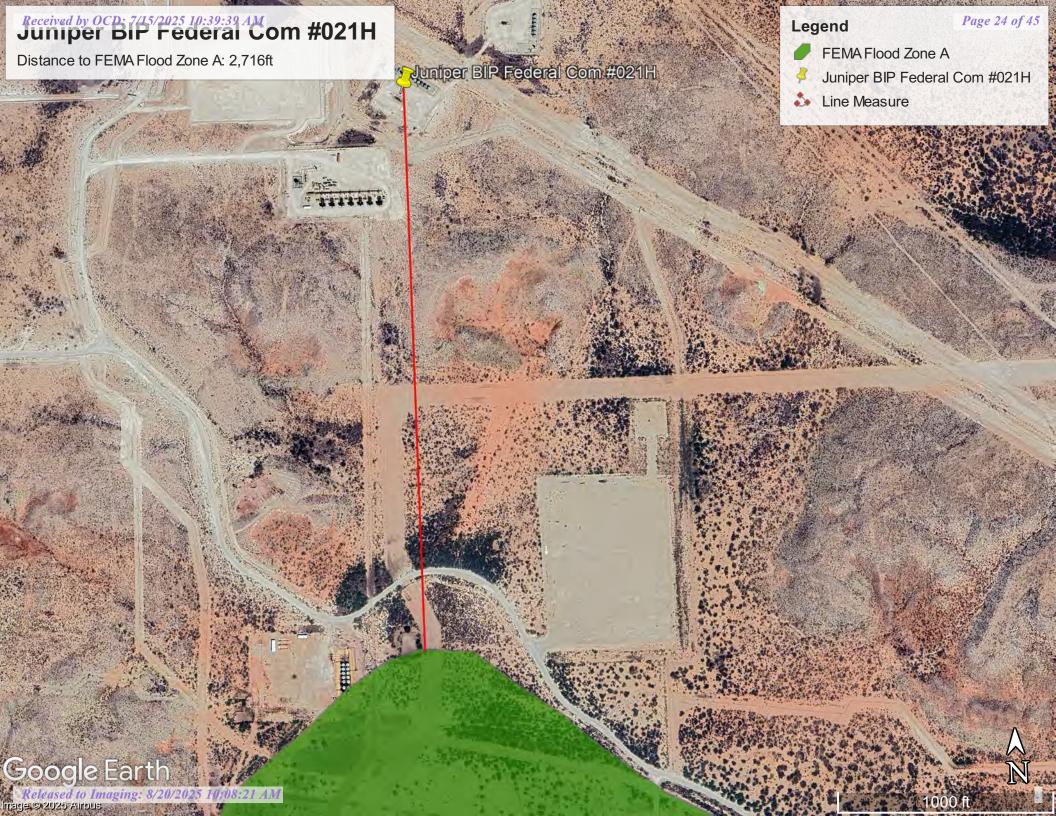
Juniper BIP Federal Com #021H Mine 55,341ft





Aggregate, Stone etc.Aggregate, Stone etc.Salt

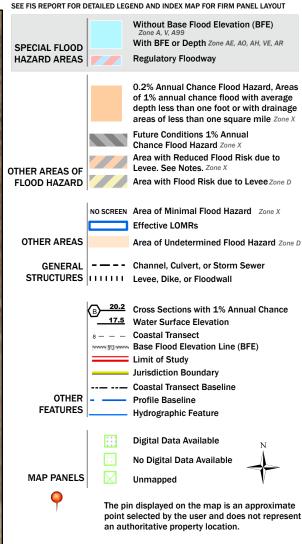
Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



National Flood Hazard Layer FIRMette







This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/2/2025 at 4:22 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Custom Soil Resource Report

Eddy Area, New Mexico

At—Atoka loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w41 Elevation: 1,100 to 4,300 feet

Mean annual precipitation: 7 to 14 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Atoka and similar soils: 98 percent Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Atoka

Setting

Landform: Plains

Landform position (three-dimensional): Riser

Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 33 inches: loam
H3 - 33 to 37 inches: indurated

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately

low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 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 6.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: C

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Custom Soil Resource Report

Minor Components

Atoka

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Upton

Percent of map unit: 1 percent

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Uo—Upton gravelly loam, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w67 Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent *Minor components:* 4 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high

(0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Custom Soil Resource Report

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Unton

Percent of map unit: 1 percent

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

APPENDIX B – Daily Field Report

	V	V		7	
V	E	B	T	E	>

Client:	EOG Resources Inc.	Incident ID #:		
Site Location Name:	Juniper BIP Fed Com #012H	API #:		
Inspection Date:	7/9/2025			
		Summary of T	imes	
Arrived at Site	7/9/2025 8:50 AM			
Departed Site				

Field Notes

- **9:18** Completed safety paperwork upon arrival to the site. On site to perform a liner inspection.
- **10:34** The liner inspection is being conducted on an earthen containment with a liner the encompassed the entirety of the containment. Prior to the inspection gravel was removed from the containment. There is a small puddle of standing water in the south end of the containment from recent rain storms and shows no signs of fluid breach.
- 10:30 During the inspection, there was no evidence of rips, tears, or holes that would compromise the integrity of the liner.

Next Steps & Recommendations

1



Site Photos

Viewing Direction: North



Southwest corner of the containment.

Viewing Direction: North



Southeast potion of the containment.

Viewing Direction: East



Southwest side of the containment viewed from the southwest corner.

Viewing Direction: North



Southeast portion of the containment viewing north along the east wall.





Southern end of the containment.



Section in between the southern most tank and the adjacent tank north of it.



Section between the second most northern tank and the middle tank.



East portion of the containment viewed from the middle tank.





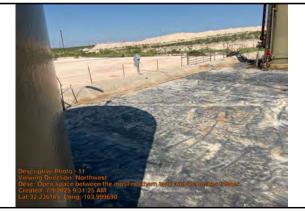


Section between the middle tank and second most northern tank.



Section between the second most northern tank and the most northern tank.

Viewing Direction: Northwest



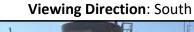
Open space between the most northern tank and the heater treater.

Viewing Direction: North



Eastern portion of the containment viewed from the most northern tank.







Open space between the most northern tank and heater treater. Viewed from the heater ltreater.



East side of heater treater.





Section between the heater treater and horizontal separator.

Viewing Direction: North



Northeast corner of the containment.







North end of the containment viewed from the northeast corner.



East portion of the containment viewed from the northeast corner.

Viewing Direction: Southeast



North end of the containment where the VRT and horizontal separator is located.

Viewing Direction: East



West side of horizontal separator.





Section in between the horizontal separator and heater treater.



Open space between the heater treater and northern most tank.



Open space between the heater treater and northern most tank.



West portion of the containment viewed from the northern most tank.





Section between the second most northern tank and the most northern tank.



West portion of the containment viewed from the second most northern tank.



Section of between the second most northern tank and the middle tank.



West portion of the containment viewed from the middle tank.





Section between the middle rank and second most southern tank.



Section between the second most southern tank and the most southern tank.



Western portion of the containment viewed from the second most southern tank.



South end of the containment.



Daily Site Visit Signature

Inspector: John Rewis

Signature:

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 485035

QUESTIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	485035
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2513552135			
Incident Name	NAPP2513552135 JUNIPER BIP FEDERAL COM #012H @ 30-015-40754			
Incident Type	Produced Water Release			
Incident Status	Remediation Closure Report Received			
Incident Well	[30-015-40754] JUNIPER BIP FEDERAL COM #012H			

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Juniper BIP Federal Com #012H			
Date Release Discovered	05/15/2025			
Surface Owner	Federal			

ncident Details				
Please answer all the questions in this group.				
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					
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.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: Other Tank (Any) Produced Water Released: 1,470 BBL Recovered: 1,470 BBL Lost: 0 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)	Not answered.				

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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 485035

OHEST	IONS (continued)			
	OGRID:			
Operator: EOG RESOURCES INC	7377			
5509 Champions Drive	Action Number:			
Midland, TX 79706	485035			
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)			
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.	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 s				
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.			
	I lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.			
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or			
	Name: Chase Settle			
I hereby agree and sign off to the above statement	Title: Safety & Environmental Rep II			
	Email: chase_settle@eogresources.com			
	Date: 05/27/2025			

General Information Phone: (505) 629-6116

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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 485035

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	485035
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (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	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan			
ase 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.			
Requesting a remediation plan approval with this submission	Yes		
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 NM.			
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	Yes		
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.			
On what estimated date will the remediation commence	07/09/2025		
On what date will (or did) the final sampling or liner inspection occur	07/09/2025		
On what date will (or was) the remediation complete(d)	07/09/2025		
What is the estimated surface area (in square feet) that will be remediated	0		
What is the estimated volume (in cubic yards) that will be remediated	0		
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.			
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.

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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 485035

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	485035
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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.)			
Is (or was) there affected material present needing to be removed	Yes		
Is (or was) there a power wash of the lined containment area (to be) performed	Yes		
OTHER (Non-listed remedial process)	No		
Per Subsection R of 19 15 29 11 NMAC unless the site characterization report includes completed a	efforts at remediation, the report must include a proposed remediation plan in accordance with 19 15 29 12 NMAC		

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@eogresources.com

Date: 07/15/2025

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.

General Information Phone: (505) 629-6116 Online Phone Directory

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

QUESTIONS, Page 6

Action 485035

Santa Fe, NM 87505					
QUESTIONS (continued)					
Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377 Action Number: 485035 Action Type:				
QUESTIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)				
Liner Inspection Information					
Last liner inspection notification (C-141L) recorded	482018				
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/09/2025				
Was all the impacted materials removed from the liner	Yes				
What was the liner inspection surface area in square feet	10000				
Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all re Requesting a remediation closure approval with this submission Have the lateral and vertical extents of contamination been fully delineated Was this release entirely contained within a lined containment area What was the total surface area (in square feet) remediated	Yes Yes Yes 0				
What was the total volume (cubic yards) remediated	0				
Summarize any additional remediation activities not included by answers (above)	Liner inspection confirmed integrity and no remedial actions are necessary.				
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents				
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 req 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 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, surfavater, 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, of 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 exist 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: 07/15/2025				

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 485035

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive Midland, TX 79706	Action Number: 485035
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B	$^{\prime}$	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2513552135 JUNIPER BIP FEDERAL COM #012H, thank you. This Remediation Closure Report is approved.	8/20/2025