CARMONA RESOURCES

SITE INFORMATION

Work Plan
Convoy Booster Release
Lea County, New Mexico
Incident ID: NAPP2415666595
Unit O Sec 28 T24S R33E
32.183611°, -103.576709°

Produced Water Release
Point of Release: Pump-Bearing Failure
Release Date: 03/19/2024
Volume Released: 150 barrels of Produced Water
Volume Recovered: 130 barrels of Produced Water

CARMONA RESOURCES

Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

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CARMONA RESOURCES

June 20, 2025

Re: Work Plan
Convoy Booster Release
EOG Resources, Inc
Incident ID: NAPP2415666595
Site Location: Unit O, S28, T24S, R33E
(Lat 32.183611°, Long -103.576709°)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Convoy Booster Release. The site is located at 32.183611°, -103.576709° within Unit O, S28, T24S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered from a pump-bearing failure on March 19, 2024. It released one-hundred-fifty (150) barrels of produced water, with one-hundred-thirty (130) barrels recovered. The release occurred on the pipeline right of way and in the pasture. Refer to Figure 3. The notice of release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location. The well is located approximately 0.39 miles Southeast of the site in S28, T24S, R33E, and was drilled in 1890. The well has a reported depth to groundwater of 70' below ground surface (ft bgs). The site location is more than 1,000 feet away from the nearest freshwater well or spring and does not lie within a 100-year floodplain. There are no continuously flowing watercourses that run in close proximity to the site location. The closest one would be the Pecos River, which is greater than 5 miles away. No lakebeds, sinkholes, or playa lakes are within 200 feet of the site either. The nearest seasonal water path is an intermittent dry wash that is approximately 1.15 miles Northeast of the site. Refer to Appendix D for the highlighted OSE blue lines that are approximately 1 to 5 miles away from the site. The site is not located within 300 feet of an occupied permanent residence, school, hospital, institution, or church. All domestic residential areas are greater than 5 miles away. There are also no springs, private or domestic, that are within 500 feet of the site location. A copy of the associated Summary report is attached in Appendix D.

Cultural and Biological Compliance:

Remediation activities will go beyond the previously disturbed areas designated for remediation or reclamation. Compliance with the CPP Rule will be maintained throughout the entire work process. In adherence to the CPP rule, an ARMS survey was conducted on March 21, 2024. Even though the findings were negative, compliance with the CPP Rule will be maintained throughout remediation and reclamation activities if applicable. See Appendix C for the arch survey cover sheet. After further review, the site does fall within a biologically sensitive area for the Lesser Prairie Chicken population. Though it is rated a CHAT Level-6 area, the adjacent surroundings serve as suitable habitat for the critical species. Therefore, Carmona Resources determines that remediation and reclamation activities will not affect the LPC population within this crucial area. Per the NMDGF (New Mexico Department of Game and Fish), areas with '*sand sage used*

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for nesting habitat' will be avoided to comply with LPC management practices enforced by the NMDGF. The NMDGF also states that '*any construction activities in proximity of leks during early morning lekking periods (3:00 AM – 9:00 AM) during lekking season (Feb 15-May 15)'* should be avoided. That said, work activities will not be affected due to the start date of the remediation and reclamation. However, EOG will still comply with Lesser Prairie Chicken management practices enforced by the NMDGF if applicable. See Appendix F for further details explained in the biological desktop review.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Soil Assessment

On March 21, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Five (5) soil samples (S-1 through S-5) and seven (7) horizontal samples (H-1 through H-7) were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved for S-2, S-4, and S-5. The areas of S-1 and S-3 were not delineated vertically due to the dense, cemented geological formation at 3' bgs. A track hoe will be utilized during the remediation activities to break through and remove the impacted material. Refer to Table 1.

Horizontal Delineation

All areas were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Proposed Remediation Plan

Based on the analytical data of the detected chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of S-2 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.

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- The area of S-4 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.

- The areas of S-1 and S-3 will be excavated to a depth of 4.0' below the surface, or until chloride concentrations <600 mg/kg. These areas will be held to the most stringent closure criteria for the upper 4 ft. Subsequently, the areas will be backfilled with clean material to surface grade.

- The material utilized for backfill will match natural soil horizons. A composite sample of the imported material will be analyzed for BTEX, TPH, and chloride to prove it is non-waste containing, per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.

- An estimated 2,111 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.

- A two (2) day work start notification, and a two (2) day confirmation sampling notification will be submitted to the NMOCD and NMSLO prior to excavation and final sampling activities.

- Confirmation floor and sidewall composite samples will be collected per NMAC 19.15.29.12 to represent the release area. The samples will be analyzed for benzene, total BTEX, TPH, and chloride concentrations.

- A variance is requested per 19.15.29.14. EOG requests a variance per NMAC 19.15.29.12.D.1.C, to increase the five-point composite sampling frequency from 200 square feet to 400 square feet.

- The remediation will be implemented within 90 days after the work plan is approved by the NMSLO and the NMOCD.

6.0 Reclamation Activities

Following the closure of remediation activities, EOG proposes to reclaim the areas shown in Figure 5.

- No ripping will be completed to minimize disturbances across the establishing vegetation.

- The proposed area will be reseeded with SLO sandy seed mixture, per NMSLO criteria. The SLO seed mixture type, soil survey details and corresponding pounds of pure live seed per acre are included in Appendix G.

- The seed mixture will be distributed via seed drill and tractor across the location. After seeding, the area will be watered appropriately.

- Semi-annual inspections (at a minimum) will take place at the location until the native vegetation has been properly established. The site conditions must reflect that the total percentage of plant cover is greater than 70 percent of pre-disturbance levels excluding invasive or noxious weeds.

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- If noxious weeds are identified, the NMSLO will be contacted promptly to determine an effective eradication method.
- If the site does not display signs of revegetation after one growing season, the area will be reseeded as deemed appropriate by the NMSLO.

- All reclamation activities are planned to be completed within 90 days of approval of this work plan.

7.0 Conclusions

Upon completion, a final closure report describing the remediation and reclamation activities will be presented to the New Mexico Oil Conservation Division (NMOCD) and New Mexico State Land Office (NMSLO). If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

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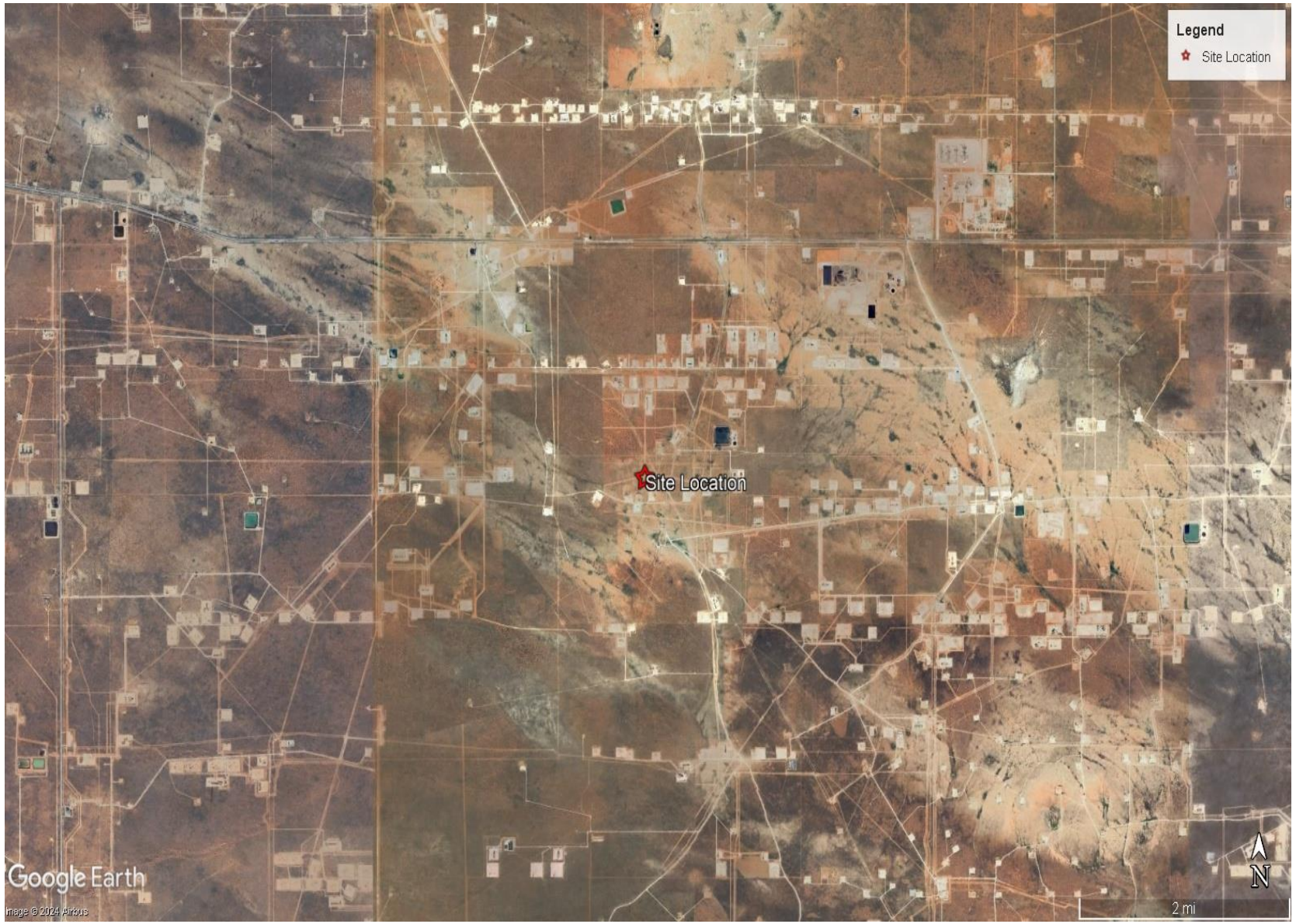
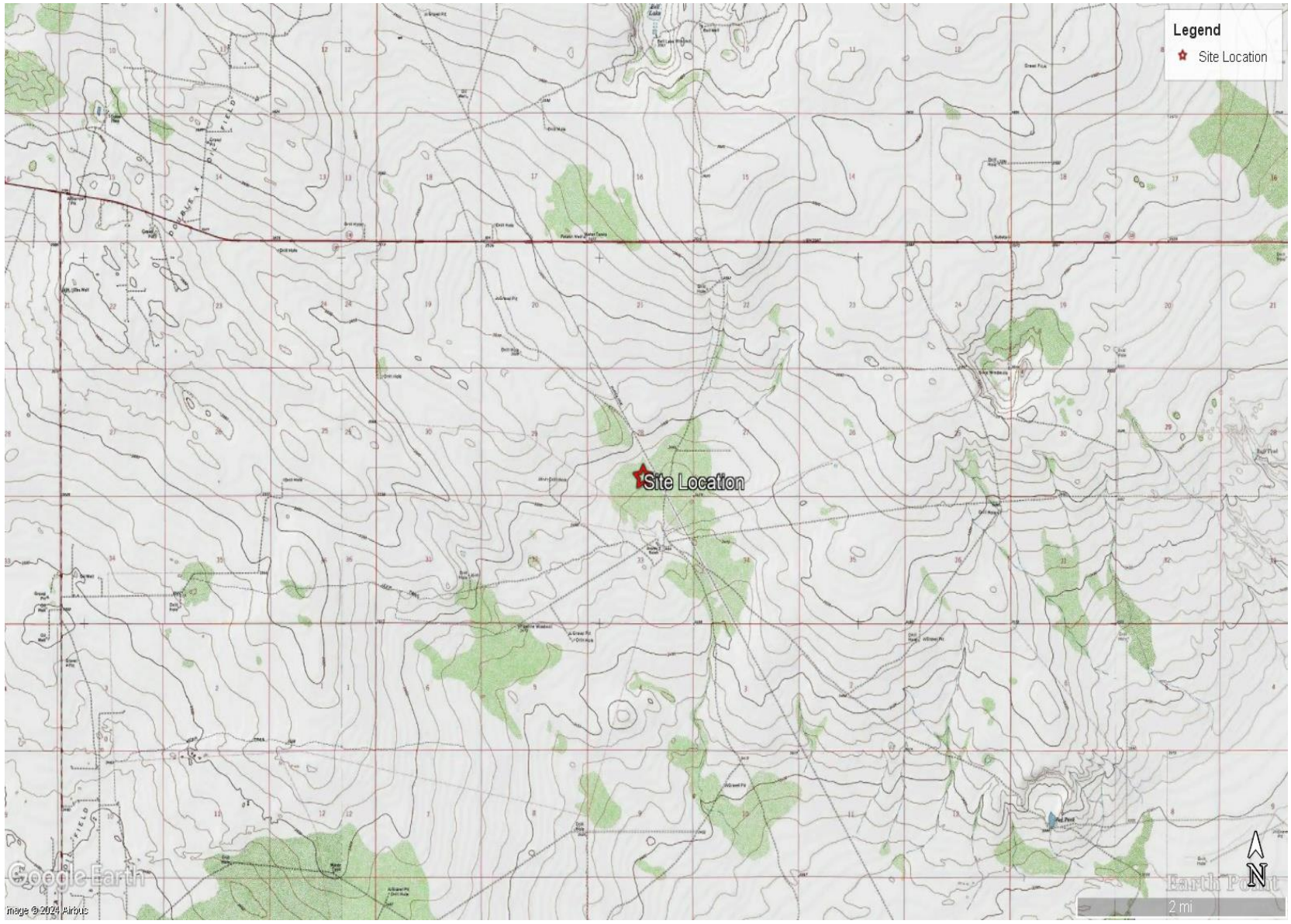
FIGURES

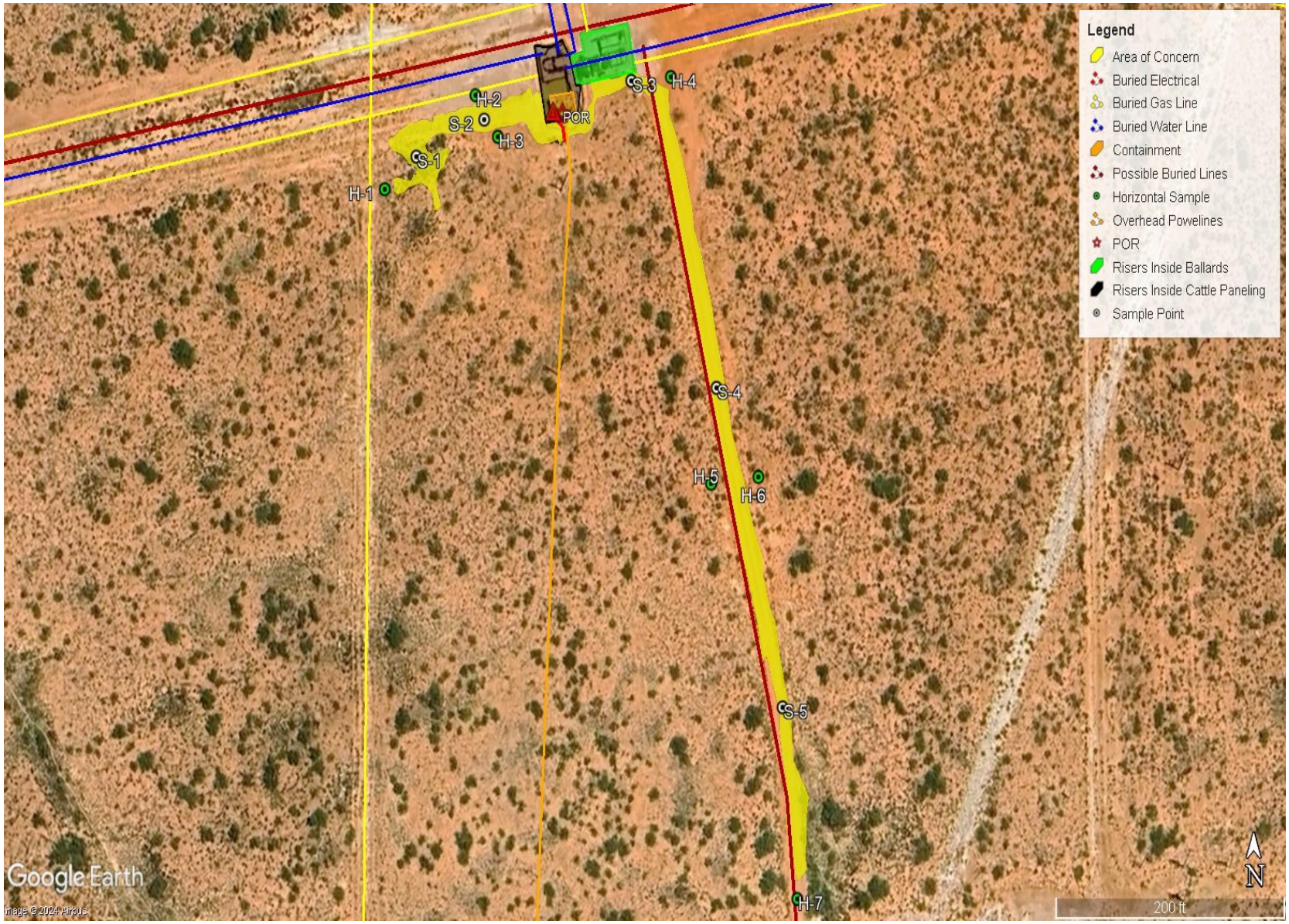
CARMONA RESOURCES



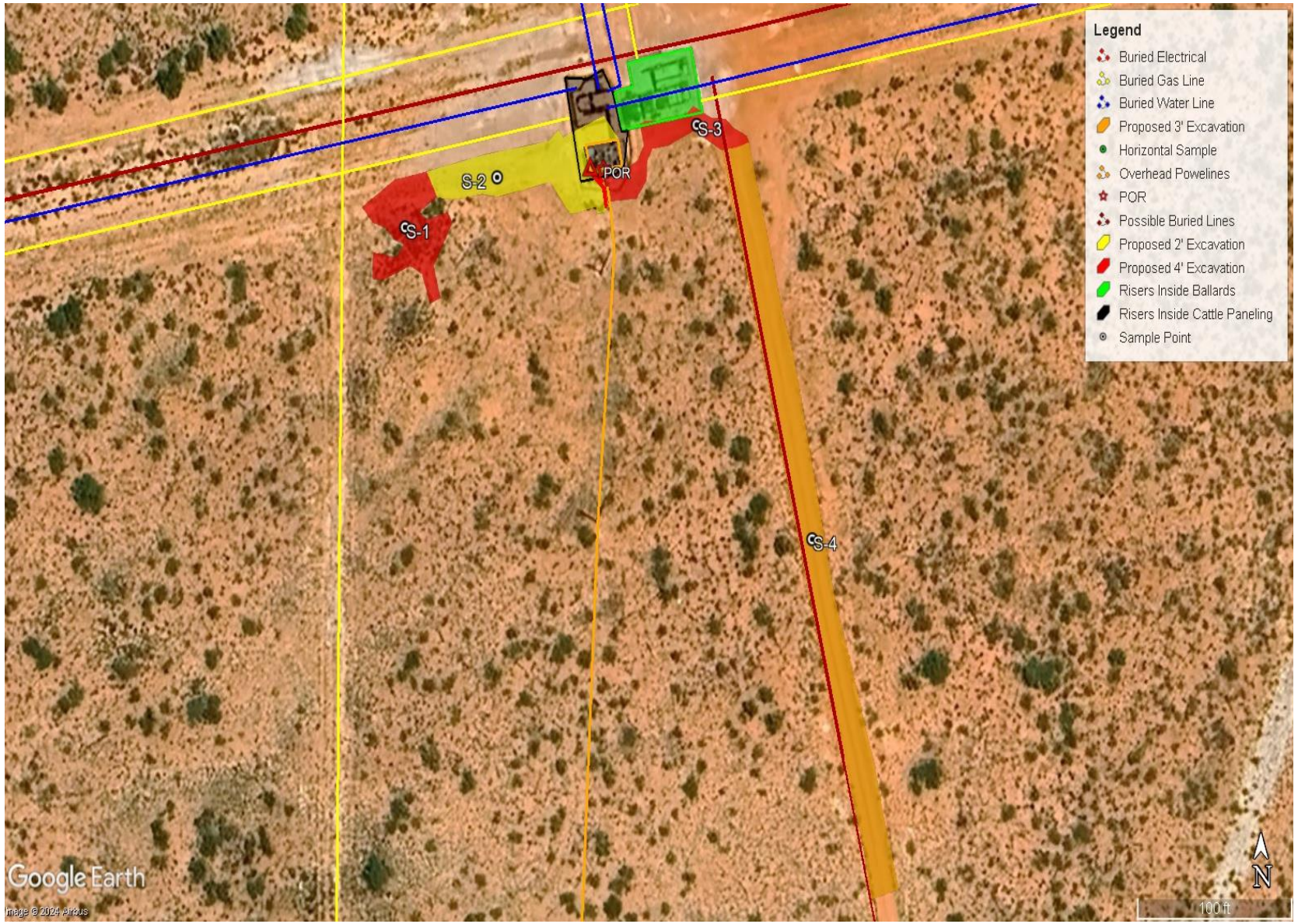
OVERVIEW MAP EOG RESOURCES CONVOY BOOSTER RELEASE LEA COUNTY, NEW MEXICO 32.183611°, -103.576709°	CARMONA RESOURCES	FIGURE 1



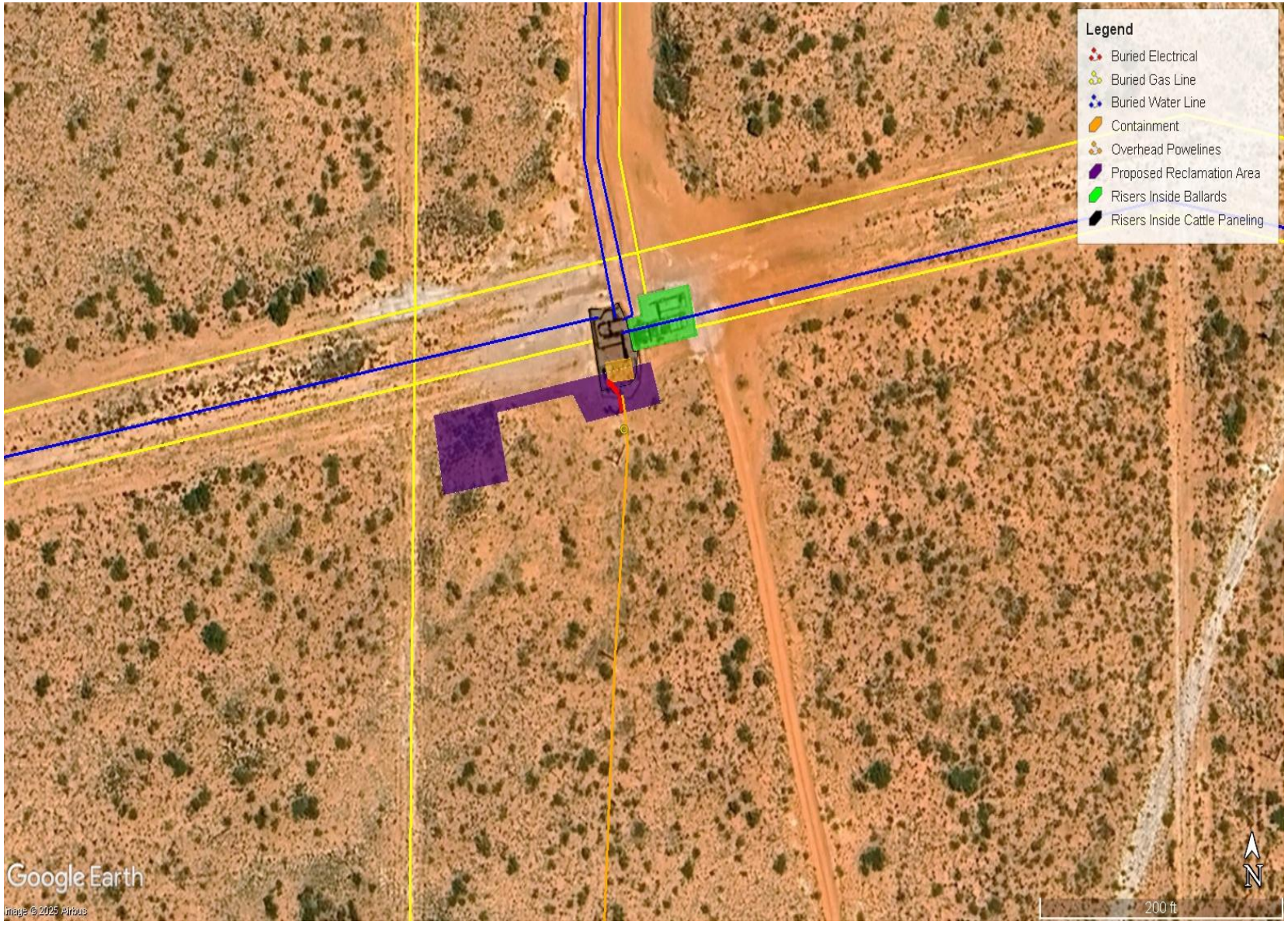
TOPOGRAPHIC MAP EOG RESOURCES CONVOY BOOSTER RELEASE LEA COUNTY, NEW MEXICO 32.183611°, -103.576709°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP EOG RESOURCES CONVOY BOOSTER RELEASE LEA COUNTY, NEW MEXICO 32.183611°, -103.576709°	CARMONA RESOURCES	FIGURE 3



PROPOSED EXCAVATION MAP EOG RESOURCES CONVOY BOOSTER RELEASE LEA COUNTY, NEW MEXICO 32.183611°, -103.576709°	CARMONA RESOURCES	FIGURE 4



RECLAMATION MAP EOG RESOURCES CONVOY BOOSTER RELEASE LEA COUNTY, NEW MEXICO 32.183611°, -103.576709°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

CARMONA RESOURCES

Table 1
EOG Resources
Convoy Booster Release
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	3/21/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**10,400**
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**6,160**
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**4,880**
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**3,520**
S-2	3/21/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,800**
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**960**
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
S-3	3/21/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,920**
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**2,000**
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**1,020**
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**944**
S-4	3/21/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**704**
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**704**
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**656**
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
S-5	3/21/2024	0-1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

Proposed Excavation

Table 1
EOG Resources
Convoy Booster Release
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
H-3	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
H-4	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-5	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	3/21/2024	0-0.5	<10.0	10.1	<10.0	10.1	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-7	3/21/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Convoy Booster Release

County: Lea County, New Mexico

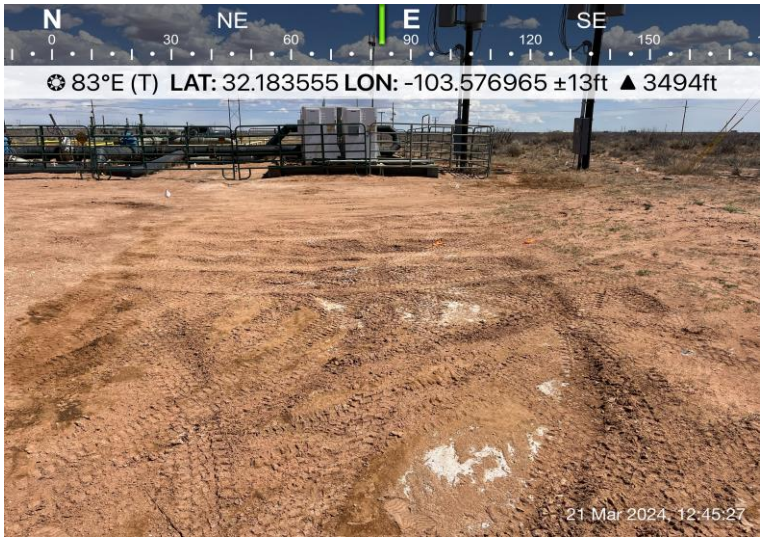
Description:
View West, area of S-1.

Photograph No. 2

Facility: Convoy Booster Release

County: Lea County, New Mexico

Description:
View East, area of S-2.



Photograph No. 3

Facility: Convoy Booster Release

County: Lea County, New Mexico

Description:
View Northeast, area of S-3.

PHOTOGRAPHIC LOG

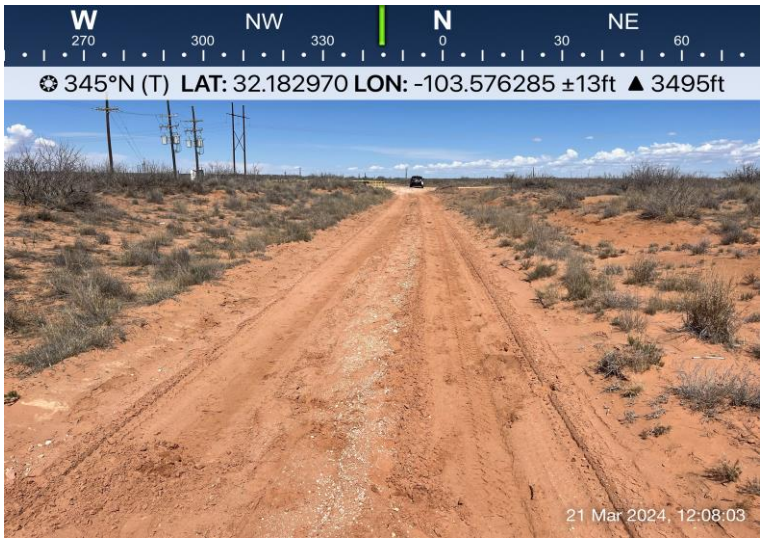
EOG Resources, Inc

Photograph No. 4

Facility: Convoy Booster Release

County: Lea County, New Mexico

Description:
View North, area of S-4.

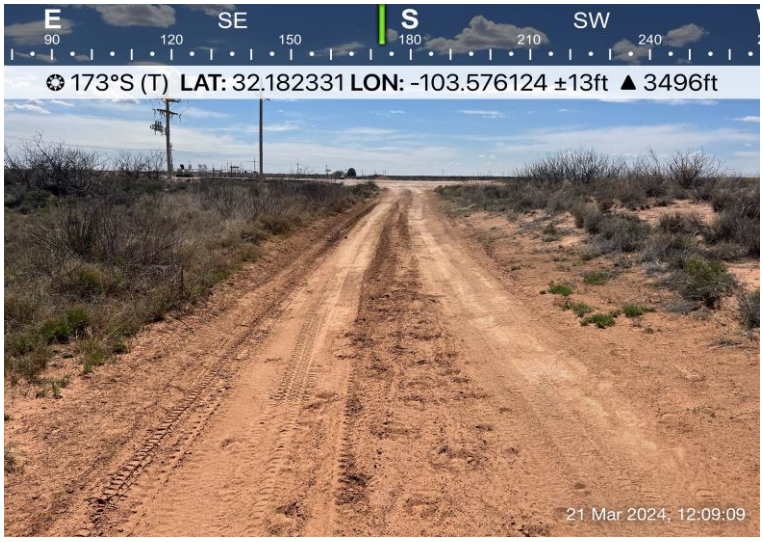


Photograph No. 5

Facility: Convoy Booster Release

County: Lea County, New Mexico

Description:
View South, area of S-5.



APPENDIX C

CARMONA RESOURCES

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2415666595
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone 432-686-3613
Contact email Todd_Wells@eogresources.com	Incident # *(assigned by OCD)* nAPP2415666595
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.183611 Longitude -103.576709
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Convoy Booster	Site Type SWD Transfer Line
Date Release Discovered 3/19/2024	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
O	28	24S	33E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 150	Volume Recovered (bbls) 130
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

The pump bearings failed at the Convoy Booster causing produced water to be released into the ROW and in the pasture.

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 350862

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350862
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Convoy Booster
Date Release Discovered	03/19/2024
Surface Owner	State

Incident 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: Equipment Failure | Pump | Produced Water | Released: 150 BBL | Recovered: 130 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)	*Not answered.*

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350862
	Action Type: [NOTIFY] Notification Of Release (NOR)

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350862
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	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.
☑	I acknowledge the fact that 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.
☑	I acknowledge the fact that, 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.

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 350862
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
todd wells	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/4/2024

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:
(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

(A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
(B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
(C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number: Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

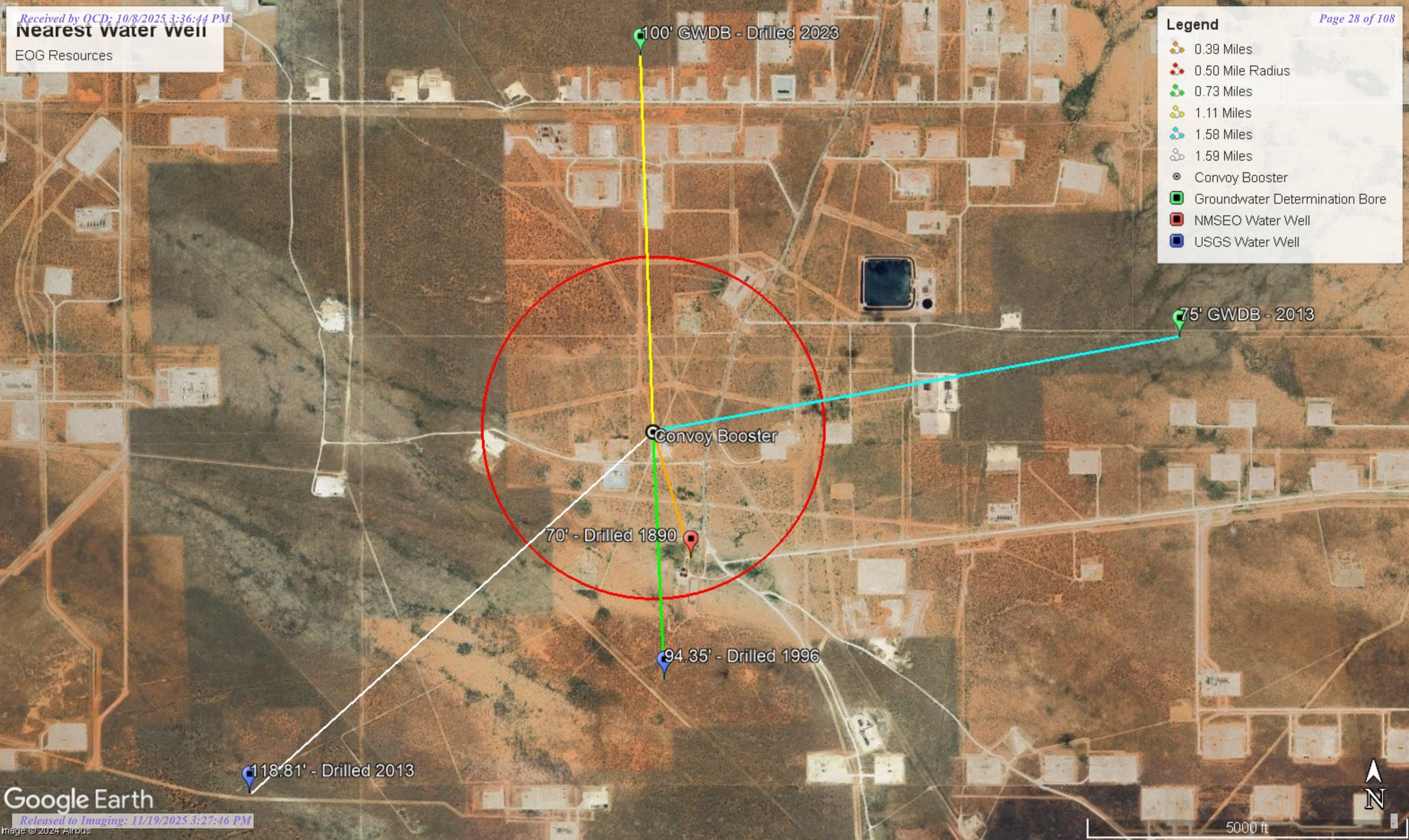
Form Revised 12 22

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

EOG Resources



Legend

- 0.39 Miles
- 0.50 Mile Radius
- 0.73 Miles
- 1.11 Miles
- 1.58 Miles
- 1.59 Miles
- Convoy Booster
- Groundwater Determination Bore
- NMSEO Water Well
- USGS Water Well

Low Karst
EOG Resources

Legend
Convoy Booster
Low

Convoy Booster

Google Earth
Image © 2024 Airbus

N

5000 ft

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02310	CUB	LE	2	4	2	33	24S	33E	634420	3560893	625	120	70	50
C 02311	CUB	LE	2	3	2	33	24S	33E	634391	3560877	633	120	70	50
C 02563	CUB	LE	1	4	2	33	24S	33E	634639	3560923*	696	120		
C 02564	CUB	LE	2	4	2	33	24S	33E	634839	3560923*	828	120		
C 02890	C	LE		2	4	29	24S	33E	633114	3562012*	1237	500		
C 04708 POD1	CUB	LE	1	3	4	21	24S	33E	634149	3563262	1773	100		
C 03600 POD4	CUB	LE	3	3	1	26	24S	33E	636617	3562293	2511			
C 03600 POD7	CUB	LE	3	1	3	26	24S	33E	636726	3561968	2534			
C 02312	CUB	LE	1	2	1	05	25S	33E	632292	3559772	2596	150	90	60
C 03603 POD5	CUB	LE	3	3	2	35	24S	33E	636745	3560767	2610			
C 03603 POD3	CUB	LE	4	1	1	35	24S	33E	636890	3561092	2682			
C 03603 POD6	CUB	LE	3	1	3	35	24S	33E	636749	3560447	2720			
C 04339 POD1	CUB	LE	1	3	3	23	24S	33E	636525	3563309	2921	47		
C 04339 POD2	CUB	LE	2	3	3	23	24S	33E	636789	3563315	3136			
C 04339 POD8	CUB	LE	1	1	3	23	24S	33E	636519	3563681	3162	30		
C 03603 POD2	CUB	LE	3	1	2	35	24S	33E	637384	3561167	3163			
C 03600 POD6	CUB	LE	3	1	4	26	24S	33E	637383	3562026	3190			
C 02430	CUB	LE	3	3	3	16	24S	33E	633377	3564732*	3352	643	415	228
C 04339 POD7	CUB	LE	4	4	2	23	24S	33E	636473	3564011	3368	43		
C 03600 POD1	CUB	LE	2	2	1	26	24S	33E	637275	3563023	3401			
C 02431	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3406	525	415	110
C 02432	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3406	640	415	225
C 04339 POD3	CUB	LE	2	4	3	23	24S	33E	637273	3563323	3545	38		
C 04339 POD4	CUB	LE	2	4	3	23	24S	33E	637273	3563323	3545	47		
C 04768 POD1	CUB	LE	3	3	4	19	24S	33E	631048	3563110	3577	55		
C 03603 POD1	CUB	LE	3	2	2	35	24S	33E	637805	3561225	3577			

***UTM location was derived from PLSS - see Help**

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03600 POD3	CUB	LE	3	4	2	26	24S	33E	637784	3562340	3647			
C 03600 POD5	CUB	LE	3	2	4	26	24S	33E	637857	3562020	3658			
C 03603 POD4	CUB	LE	3	2	4	35	24S	33E	637789	3560461	3698			
C 04339 POD5	CUB	LE	2	3	4	23	24S	33E	637580	3563328	3813	54		
C 03601 POD4	CUB	LE	3	3	3	24	24S	33E	638162	3561375	3926			
C 04339 POD10	CUB	LE	4	1	4	23	24S	33E	637688	3563503	3994	49		

Average Depth to Water: **245 feet**

Minimum Depth: **70 feet**

Maximum Depth: **415 feet**

Record Count: 32

UTMNAD83 Radius Search (in meters):

Easting (X): 634237.28 **Northing (Y):** 3561491.85 **Radius:** 4000

New Mexico Office of the State Engineer

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 Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 02310	2	4	2	33	24S	33E	634420	3560893

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:	01/01/1890	**Drill Finish Date:**	12/31/1890	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	60 GPM
Casing Size:	8.50	**Depth Well:**	120 feet	**Depth Water:**	70 feet

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321017103343201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321017103343201 24S.33E.33.23231

Lea County, New Mexico
Latitude 32°10'17", Longitude 103°34'32" NAD27
Land-surface elevation 3,475 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measure
1954-03-17		D	62610		3380.19	NGVD29	1	Z		
1954-03-17		D	62611		3381.85	NAVD88	1	Z		
1954-03-17		D	72019	93.15			1	Z		
1976-01-22		D	62610		3381.29	NGVD29	1	Z		
1976-01-22		D	62611		3382.95	NAVD88	1	Z		
1976-01-22		D	72019	92.05			1	Z		
1981-03-20		D	62610		3380.53	NGVD29	1	Z		
1981-03-20		D	62611		3382.19	NAVD88	1	Z		
1981-03-20		D	72019	92.81			1	Z		
1986-03-11		D	62610		3378.77	NGVD29	1	Z		
1986-03-11		D	62611		3380.43	NAVD88	1	Z		
1986-03-11		D	72019	94.57			1	Z		
1991-06-06		D	62610		3378.72	NGVD29	1	Z		
1991-06-06		D	62611		3380.38	NAVD88	1	Z		
1991-06-06		D	72019	94.62			1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measure
1996-03-01		D	62610		3378.99	NGVD29	1		S	
1996-03-01		D	62611		3380.65	NAVD88	1		S	
1996-03-01		D	72019	94.35			1		S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-04-03 09:42:50 EDT
0.39 0.33 nadww01

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NM

2013 JAN 30 P 11:01

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): BH 23	OSE FILE NUMBER(S): C3600; 518382
WELL OWNER NAME(S): INTERCONTINENTAL POTASH CORP	PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: 600 W. BENDER BLVD.	CITY: HOBBS STATE: NM ZIP: 88240

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	11	9.4	N
LONGITUDE	103	32	58.6	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE: T24S; R 33E; SECTION 26

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1186	RODNEY HAMMER	ENVIRO-DRILL, INC.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
01-08-13	01-09-13		75'	N/A

COMPLETED WELL IS: ( ) ARTESIAN (•) DRY HOLE ( ) SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT):

DRILLING FLUID: ( ) AIR ( ) MUD ADDITIVES - SPECIFY:

DRILLING METHOD: ( ) ROTARY ( ) HAMMER ( ) CABLE TOOL (•) OTHER - SPECIFY: AUGER

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	75	8"	N/A	N/A	N/A	N/A	N/A

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-3600	POD NUMBER 7	TRN NUMBER 518382
LOCATION T24S-R33E Sec 26. 313		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	2	2	BROWN SILTY SAND, LOOSE	○ Y ◉ N	N/A
2	24	22	CALICHE WHITE SILTY SAND, VERY DENSE	○ Y ◉ N	N/A
24	66	42	RED SILTY SAND, VERY DENSE	○ Y ◉ N	N/A
66	75	9	SHALE GREEN SILTY SAND	○ Y ◉ N	N/A
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ○ PUMP ○ AIR LIFT ○ BAILER ○ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

STATE ENGINEER OFFICE ROSWELL, NM 2013 JAN 0 P 2 01

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Rodney Hammer — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

1-23-13 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3600	POD NUMBER	7	TRN NUMBER	
LOCATION	T24S – R33E – Sec 26.313				PAGE 2 OF 2

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S

Groundwater | New Mexico | GO

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- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320956103353801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico
Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83
Land-surface elevation 3,473.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1981-03-25		D	62610		3365.17	NGVD29	1	Z		
1981-03-25		D	62611		3366.84	NAVD88	1	Z		
1981-03-25		D	72019	107.83			1	Z		
1986-03-12		D	62610		3363.66	NGVD29	1	Z		
1986-03-12		D	62611		3365.33	NAVD88	1	Z		
1986-03-12		D	72019	109.34			1	Z		
1991-06-06		D	62610		3365.42	NGVD29	1	Z		
1991-06-06		D	62611		3367.09	NAVD88	1	Z		
1991-06-06		D	72019	107.58			1	Z		
1996-03-07		D	62610		3364.11	NGVD29	P	S		
1996-03-07		D	62611		3365.78	NAVD88	P	S		
1996-03-07		D	72019	108.89			P	S		
2013-01-17	16:00 UTC	m	62610		3354.19	NGVD29	P	S	USGS	
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	P	S	USGS	
2013-01-17	16:00 UTC	m	72019	118.81			P	S	USGS	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S

Water-level date-time accuracy	m	Date is accurate to the minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

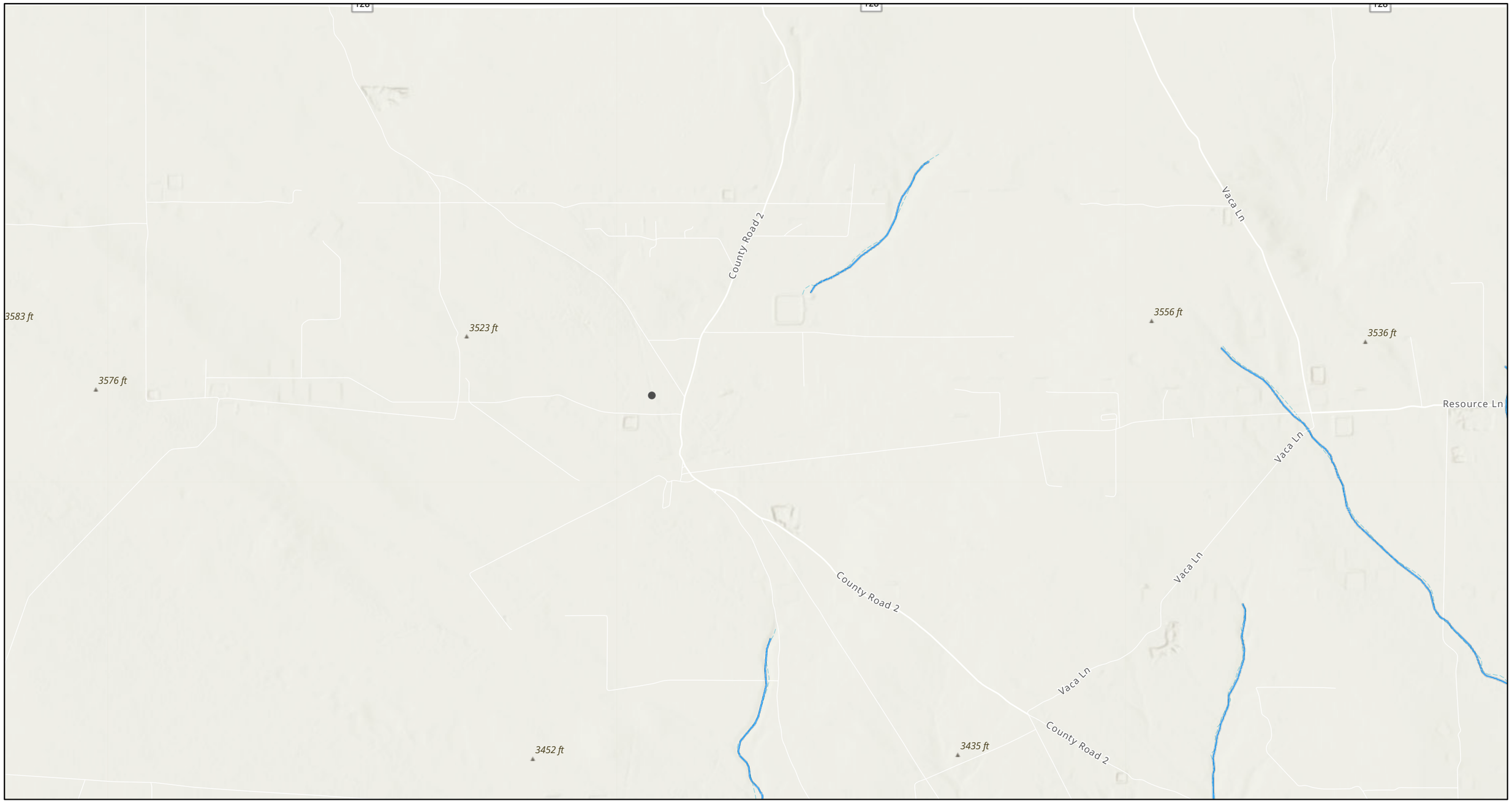
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-04-03 10:03:48 EDT
0.29 0.25 nadww01

FEMA National Flood Hazard Layer (NFHL)

FEMA flood layer

Convoy Booster



4/3/2024, 8:19:56 AM

OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 28, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CONVOY BOOSTER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/25/24 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 1 (0-1.0') (H241537-01)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10400**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *78.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 1 (1.5') (H241537-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6160**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 1 (2.0') (H241537-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4880**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 1 (3.0') (H241537-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3520**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 2 (0-1.0') (H241537-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1800**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *93.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 2 (1.5') (H241537-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**960**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *83.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 2 (2.0') (H241537-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 2 (3.0') (H241537-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 3 (0-1.0') (H241537-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2920**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 3 (1.5') (H241537-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2000**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 3 (2.0') (H241537-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.5 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 3 (3.0') (H241537-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**944**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *125 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 4 (0-1.0') (H241537-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *86.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 4 (1.5') (H241537-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *87.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 4 (2.0') (H241537-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 4 (3.0') (H241537-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 5 (0-1.0') (H241537-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**544**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *89.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 5 (1.5') (H241537-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 5 (2.0') (H241537-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	03/27/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: S - 5 (2.5') (H241537-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.733	
Toluene*	<0.050	0.050	03/26/2024	ND	2.18	109	2.00	0.206	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.12	106	2.00	0.398	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	6.40	107	6.00	0.538	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	209	104	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	213	107	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane *99.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H241537

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Convoy Booster Release	Turn Around	☐ Routine ☑ Rush
Project Number:	2313	Due Date:	72 Hours
Project Location	Lea County, New Mexico		
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2°C
Total Containers:	30	Corrected Temperature:	—

Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1 S-1 (0-1.0')	3/21/2024		X		G	1	x	x	x	
2 S-1 (1.5')	3/21/2024		X		G	1	x	x	x	
3 S-1 (2.0')	3/21/2024		X		G	1	x	x	x	
4 S-1 (3.0')	3/21/2024		X		G	1	x	x	x	
5 S-2 (0-1.0')	3/21/2024		X		G	1	x	x	x	
6 S-2 (1.5')	3/21/2024		X		G	1	x	x	x	
7 S-2 (2.0')	3/21/2024		X		G	1	x	x	x	
8 S-2 (3.0')	3/21/2024		X		G	1	x	x	x	
9 S-3 (0-1.0')	3/21/2024		X		G	1	x	x	x	
10 S-3 (1.5')	3/21/2024		X		G	1	x	x	x	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3/25/24 11:35		

Chain of Custody

Work Order No: H241537

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Convoy Booster Release	Turn Around	☐ Routine ☑ Rush
Project Number:	2313	Due Date:	~~72 Hours~~
Project Location	Lea County, New Mexico		
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.2°C
Total Containers:	20	Corrected Temperature:	-

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	S-3 (2.0')	3/21/2024		X		G	1		x	x	x	
12	S-3 (3.0')	3/21/2024		X		G	1		x	x	x	
13	S-4 (0-1.0')	3/21/2024		X		G	1		x	x	x	
14	S-4 (1.5')	3/21/2024		X		G	1		x	x	x	
15	S-4 (2.0')	3/21/2024		X		G	1		x	x	x	
16	S-4 (3.0')	3/21/2024		X		G	1		x	x	x	
17	S-5 (0-1.0')	3/21/2024		X		G	1		x	x	x	
18	S-5 (1.5')	3/21/2024		X		G	1		x	x	x	
19	S-5 (2.0')	3/21/2024		X		G	1		x	x	x	
20	S-5 (2.5')	3/21/2024		X		G	1		x	x	x	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3/25/24 11:35		

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 28, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CONVOY BOOSTER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/25/24 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 1 (0-0.5') (H241538-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *78.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 2 (0-0.5') (H241538-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 3 (0-0.5') (H241538-03)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 4 (0-0.5') (H241538-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 5 (0-0.5') (H241538-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 6 (0-0.5') (H241538-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	**10.1**	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *72.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *62.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2024	Sampling Date:	03/21/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	CONVOY BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2313	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: H - 7 (0-0.5') (H241538-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2024	ND	2.10	105	2.00	3.69	
Toluene*	<0.050	0.050	03/26/2024	ND	2.34	117	2.00	8.39	
Ethylbenzene*	<0.050	0.050	03/26/2024	ND	2.48	124	2.00	9.01	
Total Xylenes*	<0.150	0.150	03/26/2024	ND	7.58	126	6.00	9.38	
Total BTEX	<0.300	0.300	03/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/27/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	206	103	200	0.789	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	202	101	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane *68.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *62.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H241538

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Convoy Booster Release	Turn Around	☐ Routine ☑ Rush
Project Number:	2313	Due Date:	72 Hours
Project Location	Lea County, New Mexico		
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.2°C
Total Containers:	7	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	H-1 (0-0.5')	3/21/2024		X		G	1		x	x	x	
2	H-2 (0-0.5')	3/21/2024		X		G	1		x	x	x	
3	H-3 (0-0.5')	3/21/2024		X		G	1		x	x	x	
4	H-4 (0-0.5')	3/21/2024		X		G	1		x	x	x	
5	H-5 (0-0.5')	3/21/2024		X		G	1		x	x	x	
6	H-6 (0-0.5')	3/21/2024		X		G	1		x	x	x	
7	H-7 (0-0.5')	3/21/2024		X		G	1		x	x	x	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3/25/24 11:35		

APPENDIX F

CARMONA RESOURCES

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Project information

NAME

EOG - Convoy Booster

LOCATION

Lea County, New Mexico

DESCRIPTION

None

Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Lesser Prairie-chicken *Tympanuchus pallidicinctus* No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1924	Endangered
Northern Aplomado Falcon *Falco femoralis septentrionalis* No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
Monarch Butterfly *Danaus plexippus* Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Bald and Golden Eagle information is not available at this time

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report
On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (FWS). The incidental take of migratory birds

is the injury or death of birds that results from, but is not the purpose, of an activity. The FWS interprets the MBTA to prohibit incidental take.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Migratory bird information is not available at this time

Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ “Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds”.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
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To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

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No Data ()
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Survey Timeframe
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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

U.S. Fish and Wildlife Service
National Wetlands Inventory

EOG - Convoy Booster

April 28, 2025

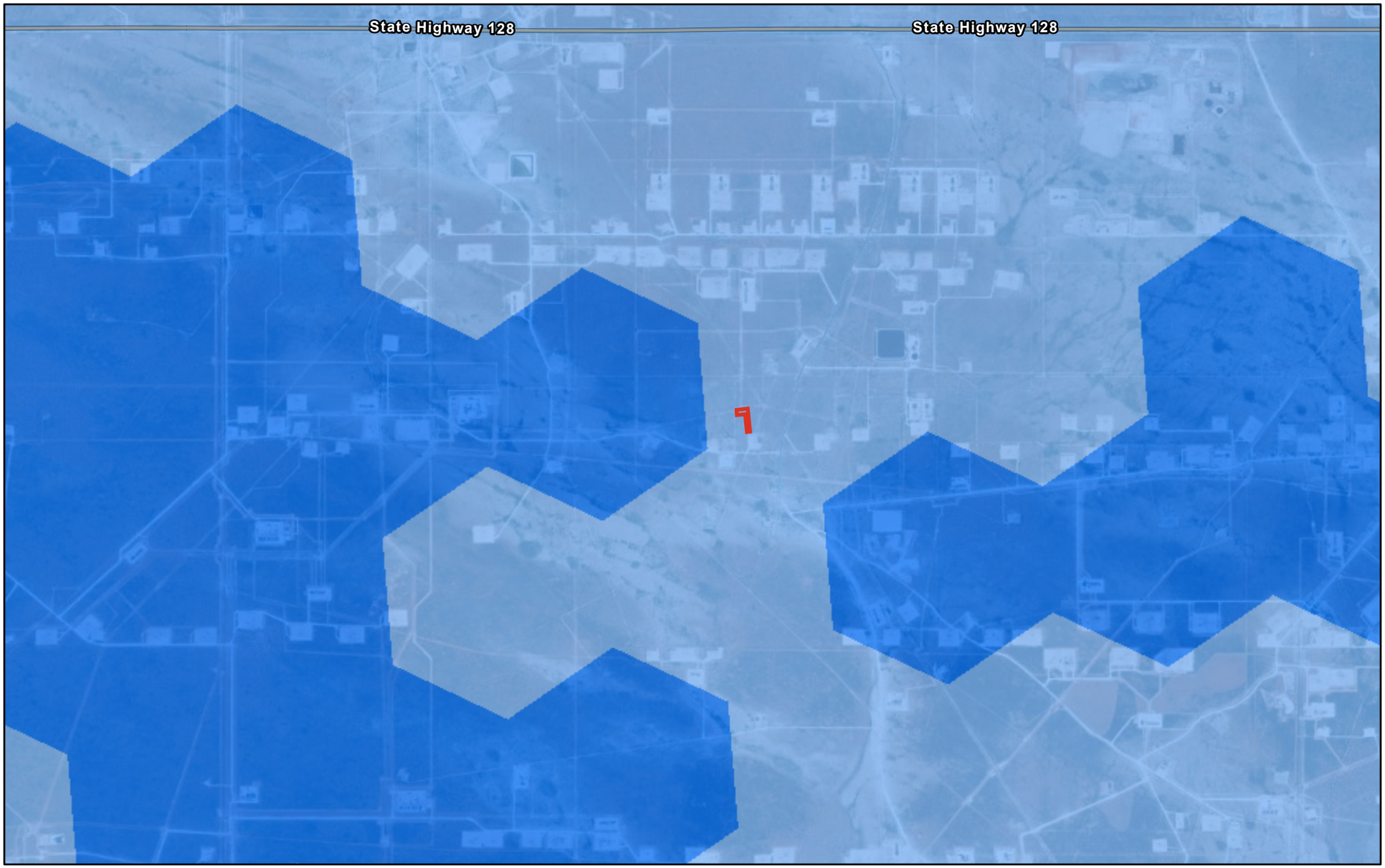
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

EOG - Convoy Booster



April 28, 2025

NMCHAT_2022update_20230126

1
2
3
4
5
6

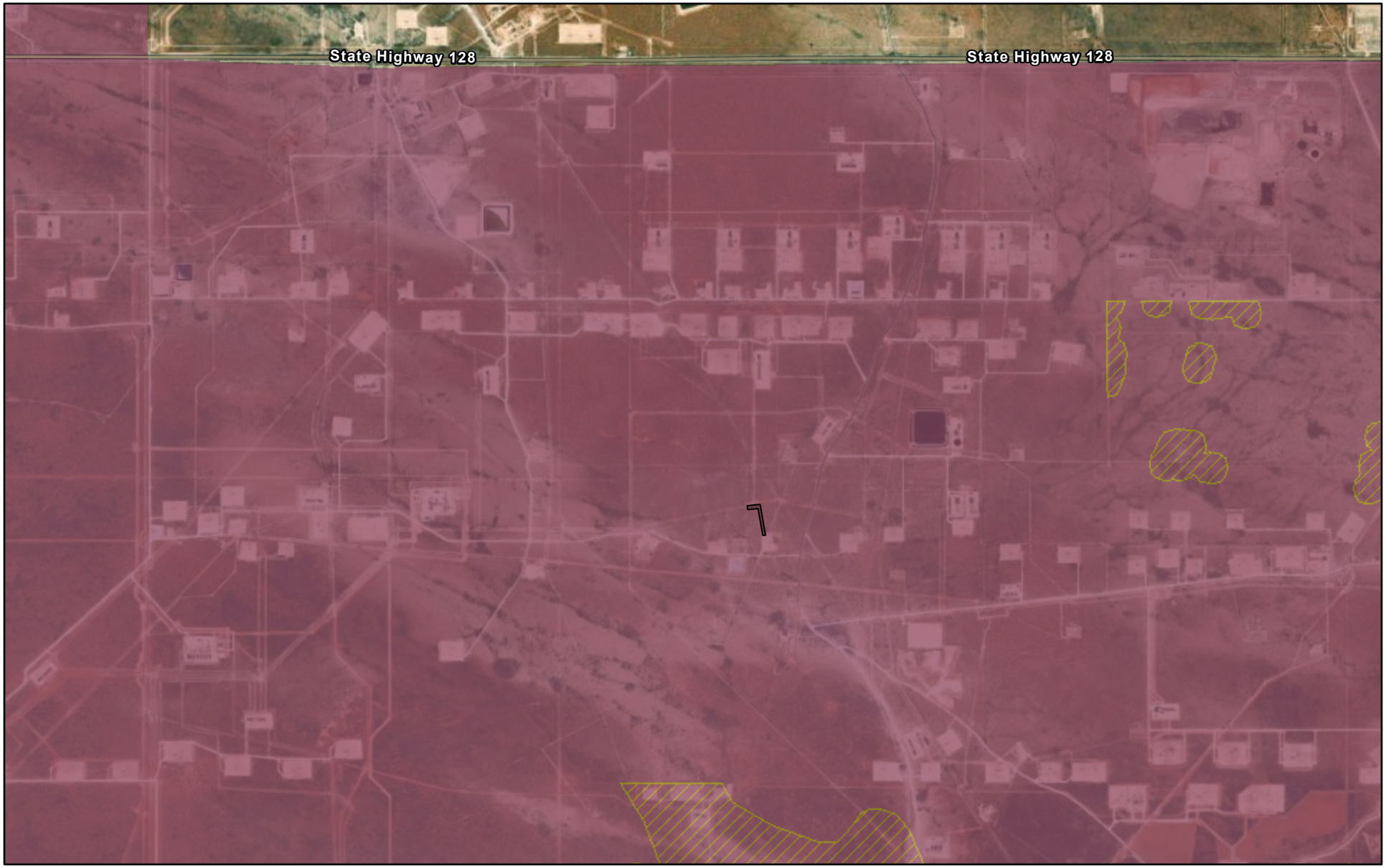
1:50,331

0 0.35 0.7 1.4 mi

0 0.5 1 2 km

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap

EOG - Convoy Booster



4/28/2025

Potential Habitat (Planning Area Only)

Scheer's beehive cactus

Lesser Prairie Chicken Habitat

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

9.6m Resolution Metadata

1:42,928

0 0.3 0.6 1.2 mi

0 0.5 1 2 km

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

BEST MANAGEMENT PRACTICES FOR LESSER PRAIRIE-CHICKEN IN NEW MEXICO

Background and Identification of Interaction with Wind Development

Lesser prairie-chicken (*Tympanuchus pallidicinctus*) is a species that is found in the southern Great Plains, including parts of Colorado, Kansas, New Mexico, Oklahoma, and Texas.[1] This species has experienced dramatic population declines throughout much of its range due to widespread conversion of native prairie to other land use, particularly agricultural and oil and gas energy development.[1] This species has been found to be "warranted but precluded" for protection under the Endangered Species Act by the United States Fish and Wildlife Service.

Lesser prairie-chickens rarely fly high enough to be at risk for collision with wind turbines; however, these prairie grouse are sensitive to habitat alteration, the presence of manmade vertical structures, and noise in its habitat. Research has shown that lesser prairie-chickens locate their nest sites further from buildings, transmission lines, and improved roads than would be expected at random.[2] Researchers in Oklahoma used radio telemetry to demonstrate that both greater and lesser prairie-chickens avoided crossing beneath overhead powerlines.[3]

Lesser prairie-chickens require large blocks of grassland, sandsage, or shinnery oak habitat to meet all of their life history requirements.[4] Mating takes place at relatively open areas (e.g., low visual obstruction and low horizontal cover) of the prairies (called leks) where males congregate to perform a courtship dance. After mating, females will make a nest in appropriate habitat near the lek site.[5] Appropriate nest sites have high visual obstruction and horizontal cover for concealing brooding hens. Once the chicks have hatched, they move to another part of the prairie with high amounts of bare ground for foraging, but with some residual cover for hiding from predators. Winter habitat requirements are different from other times of the year. In winter, lesser prairie-chickens require areas with high food potential including areas with seeds, residual vegetation, and waste grain. Management guidelines for lesser prairie-chickens recommend maintaining large continuous blocks of grassland for breeding habitat (4,942 acres or ≥ 2,000 ha).[4] Studies have suggested that the presence of vertical structures and noise can fragment large blocks of grassland, making them less suitable for lesser prairie-chickens.

State of the Science

Presently, little is known about how wind energy developments affect lesser prairie-chicken and their habitat. Areas within eastern New Mexico are currently being monitored for suitability as wind energy sites. These developments include the turbine to harness the energy, as well as access to the sites, and transmission line connections to substations or other existing power grids. Physical disturbance affected by the construction of turbines, turbine noise, and physical movement of turbines during operation have the potential to disturb nesting lesser prairie-chicken.[2] The effects of habitat fragmentation may indirectly affect local lesser prairie-chicken populations by decreasing the area of habitat available for nesting and brood-rearing.[5] It is predicted that nesting and brood-rearing hens will avoid large wind turbines by at least a one-mile radius.[2] Fragmentation and changes in habitat structure may increase the amount of edge, which serve as lanes for terrestrial predators,[6] and are consequently avoided by nesting prairie grouse.[5] In addition to the effects of habitat fragmentation, prairie grouse avoidance of vertical structures[7] and human disturbance activities may further impact lesser prairie-chicken movements and habitat use.

Best Management Practices

Conduct surveys in suitable habitat on the proposed development site and within a reasonable radius to determine presence of lesser prairie-chicken. Consult New Mexico Department of Game and Fish (NMDGF) for appropriate survey methods. Current information on locations of lesser prairie-chicken may be obtained from NMDGF and Natural Heritage New Mexico.

1. Development of proposed wind generation projects within known current range of lesser prairie-chicken should be done in close consultation with NMDGF and other appropriate wildlife agencies.

Avoid

Avoid placing wind energy development in the interior (as opposed to edge) of a large block of intact prairie within historic lesser prairie-chicken range. Where practical, place turbines on lands already altered or cultivated (such as agriculture or developed oilfields), and away from areas of intact and healthy native grasslands.

Minimize

1. Conducting site construction of wind development areas in proximity of leks outside of the breeding season (Feb 15 – July 1) may reduce habitat abandonment, in conjunction with construction and maintenance timing determined in consultation with NMDGF.[8]
2. Avoid construction activities in proximity of leks during early morning lekking periods (3:00am – 9:00am) during lekking season (Feb 15 – May 15).
3. The Federal Advisory Committee Draft Recommendations for wind energy development recommend the following: "To reduce avian collisions, place low and medium voltage connecting power lines associated with the wind energy development underground to the extent possible, unless burial of the lines is prohibitively expensive (e.g., where shallow bedrock exists) or where greater adverse impacts to biological resources would result: a. Overhead lines may be acceptable if sited away from high bird crossing locations, to the extent practicable, such as between roosting and feeding areas or between lakes, rivers, prairie grouse and sage grouse leks, and nesting habitats…" (Chapter 3, page 44; Draft Recommendations 3/2010).[9]
    - Burying these power lines will reduce the incidence of mortality of lesser prairie-chicken related to raptor predation by reducing perch availability.
4. Using a minimum amount of fencing will reduce the risk of collision-related mortality.

Conservation offsets (Mitigation)

Mitigation efforts that can benefit lesser prairie-chickens include the following:

1. Remove invasive woody vegetation such as mesquite (*Prosopsis glandulosa*) in occupied lesser prairie-chicken habitat. Maintain or enhance native woody vegetation such as shinnery oak (*Quercus havardii*) or sand sage (*Artemisia filifolia*) used for nesting habitat. If woody vegetation is removed from an area adjacent to lesser prairie-chicken populations and the cleared area is maintained with periodic burning, populations can be maintained.
2. CRP – Companies may work with landowners adjacent to blocks of occupied habitat to purchase easements, replace CRP-like grasslands with native grasses, and provide for continued maintenance. Coordinate with NMDGF or Natural Resources Conservation Service regarding beneficial seed mixes.
3. CRP – Much existing CRP is low quality lesser prairie-chicken habitat because a sufficient diversity and abundance of forbs is not present. In many cases, interseeding native forbs and/or disturbance of decadent CRP may increase diversity. Plots receiving these treatments also should be secured indefinitely through an organization that specializes in easements or is a land trust, and ongoing maintenance provided.
4. Work with landowners within occupied lesser prairie-chicken habitat to implement a more wildlife-friendly long-term management plan (i.e., greater than 10 years) with a strategy to maintain the habitat in the long term. The plan should specify vegetation

conditions desired and allow ranchers to use their expertise in adjusting stocking rates, grazing system, and fire frequency to meet those conditions. Most of the rangelands within lesser prairie-chicken range are managed poorly for this species and implementation of range management plans could substantially improve lesser prairie-chicken populations.

5. Degraded rangeland within lesser prairie-chicken range may be purchased and restored to suitable habitat equivalent to the amount disturbed by the wind energy development. During acquisition, preference should be given to larger contiguous tracts and/or tracts that adjoin unfragmented habitats currently occupied by lesser prairie-chicken. An endowment should be created for each of these properties to provide the monetary resources required for regular management activities including tree removal, wildlife-friendly grazing, and periodic burning.
6. Install fence markers along fences that cross through occupied habitat in proximity of active leks.

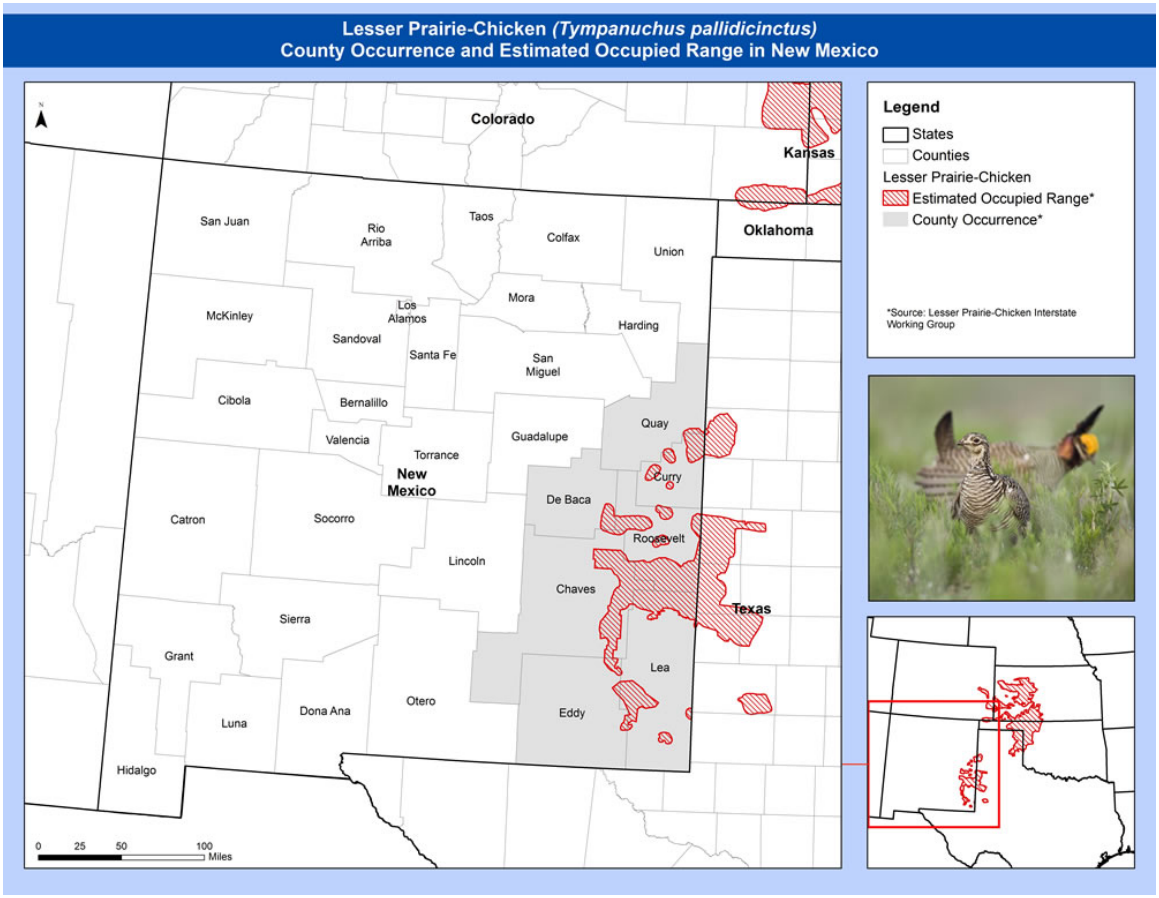
Acknowledgments

This BMP was originally developed by the Colorado Renewables Conservation Collaborative. The BMP was adapted for New Mexico by Grant Beauprez, Biologist, New Mexico Dept. of Game and Fish. The final document was developed through the collaborative process of the NM WWC.

Additional Information and Resources Consulted

1. Collaborative Conservation Strategies for the Lesser Prairie-chicken and Sand Dune Lizard in New Mexico. Findings and Recommendations of the New Mexico LPC/SDL Working Group. 2005.
2. Robel, R.J., J. A. Harrington, Jr., C. A. Hagen, J. C. Pitman and R. R. Reker. 2004. Effect of energy development and human activity on the use of sand sagebrush habitat by lesser prairie-chickens in southwest Kansas. Transactions of the North American Wildlife and Natural Resources Conference 68.
3. Pruett, C. L., M. A. Patten and D. H. Wolfe. 2009. Avoidance behavior by prairie grouse: implications for wind energy development. Conservation Biology 23:1253-1259.
4. Hagen, C. A., B. E. Jamison, K. M. Giesen and T. Z. Riley. 2004. Guidelines for managing lesser prairie-chicken populations and their habitats. Wildlife Society Bulletin 32:69-82.
5. Pitman, J. C., C. A. Hagen, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2005. Location and success of lesser prairie-chicken nests in relation to vegetation and human disturbance. Journal of Wildlife Management 69:1259-1269.
6. Kuehl, A. K. and W. R. Clark. 2002. Predator activity related to landscape features in northern Iowa. Journal of Wildlife Management 66:1224-1234.
7. Manes, R., S. A. Harmon, B. K. Overseer and R. D. Applegate. 2004. Wind energy and wildlife in the Great Plains: identification of concerns an ways to alleviate them. Proceedings of the Great Plains Wind Power and Wildlife Workshop, March 19-20, 2003, Kansas City, Missouri, USA.
8. New Mexico Department of Game and Fish. 2004. Impacts of Wind Energy Development on Wildlife. http://www.wildlife.state.nm.us/conservation/habitat_handbook/documents/WindEnergyGuidelines.htm

Figure 1. Lesser Prairie-chicken historic and current range in New Mexico with core habitat delineated in red.



APPENDIX G

CARMONA RESOURCES

Soil Map—Lea County, New Mexico

Map Scale: 1:441 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 20 40 80 120

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PY	Pyote soils and Dune land	0.5	100.0%
Totals for Area of Interest		**0.5**	**100.0%**

Lea County, New Mexico

PY—Pyote soils and Dune land

Map Unit Setting

National map unit symbol: dmqr
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Dune land: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Depressions
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand
C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Maljamar, fine sand

Percent of map unit: 3 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

NMSLO Seed Mix Sandy Loam (SL)

SANDY LOAM (SL) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Galleta grass	Viva, VNS, So.	2.5	F
Little bluestem	Cimmaron, Pastura	2.5	F
Blue grama	Hachita, Lovington	2.0	D
Sideoats grama	Vaughn, El Reno	2.0	F
Sand dropseed	VNS, Southern	1.0	S
Forbs:			
Indian blanketflower	VNS, Southern	1.0	D
Parry penstemon	VNS, Southern	1.0	D
Blue flax	Appar	1.0	D
Desert globemallow	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	VNS, Southern	2.0	D
Common winterfat	VNS, Southern	1.0	F
Apache plume	VNS, Southern	0.75	F
	Total PLS/acre	**17.75**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry penstemon is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow or Nelson globemallow.
- If a species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.

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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

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2415666595**
Incident Name	**NAPP2415666595 CONVOY BOOSTER @ O-28-24S-33E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Convoy Booster
Date Release Discovered	03/19/2024
Surface Owner	State

Incident 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: Equipment Failure | Pump | Produced Water | Released: 150 BBL | Recovered: 130 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)	*Not answered.*

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 10/08/2025

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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
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.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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 ½ and 1 (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	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 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	
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.	
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 NMAC.	
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)	10400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
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	11/10/2025
On what date will (or did) the final sampling or liner inspection occur	11/17/2025
On what date will (or was) the remediation complete(d)	11/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	14365
What is the estimated volume (in cubic yards) that will be reclaimed	2111
What is the estimated surface area (in square feet) that will be remediated	14365
What is the estimated volume (in cubic yards) that will be remediated	2111
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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QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fJEG1635837366 OWL LANDFILL JAL
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	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 10/08/2025
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.	

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QUESTIONS (continued)

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	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
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.	
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 (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	*{Unavailable.}*

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 513430
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written except with the following conditions; 1. OCD approves the sampling frequency of 400 square feet (ft.2) per one (1) 5-point composite sample (5pcs) for the excavation floor samples and 200 ft.2 for the sidewall samples. 2. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, EOG must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets 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. This is especially important for the material being used within the top four (4) feet from the ground surface. 3. EOG has 90-days (February 17, 2026) to submit to OCD its appropriate or final remediation closure report.	11/19/2025