



SITE INFORMATION

Work Plan
Elevate Guacho Spill
Lea County, New Mexico
Incident ID: nAPP2607836315
Unit D Sec 33 T22S R34E
32.354888°, -103.483554°

Produced Water Release
Point of Release: Human Error
Release Date: 03/09/26
Volume Released: 7 barrels of Produced Water
Volume Recovered: 5 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Devon Energy Production Company, LP
333 West Sheridan Ave
Oklahoma City, OK 73102

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 PROPOSED REMEDIATION PLAN

6.0 PROPOSED RECLAMATION PLAN

7.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW

FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION

FIGURE 4 PROPOSED EXCAVATION

FIGURE 5 PROPOSED RECLAMATION

FIGURE 6 EROSION CONTROL

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NOTIFICATION OF RELEASE/INITIAL C-141

APPENDIX D SITE CHARACTERIZATION, GROUNDWATER, & KARST SURVEY

APPENDIX E LABORATORY REPORTS

APPENDIX F BIOLOGICAL SURVEY

APPENDIX G SOIL SURVEY



June 5, 2026

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

**Re: Remediation & Reclamation Work Plan
Elevate Guacho Spill
Devon Energy Production Company
Incident Number: nAPP2607836315
Site Location: Unit D, S33, T22S, R34E
(Lat 32.354888°, Long -103.483554°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Devon Energy Production Company (Devon), Carmona Resources LLC has prepared this Remediation and Reclamation Work Plan to document the proposed remediation and reclamation activities for the Elevate Guacho Spill location. The site is located at 32.354888°, -103.483554° within Unit D, S33, T22S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 9, 2026, due to human error on a water transfer line. It resulted in the release of seven (7) barrels of produced water, and five (5) barrels of produced water were recovered. Refer to Figure 3 for the area of concern. The Notification of Release and initial C-141 forms are 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, there are two known water sources within a 0.50-mile radius of the location. The nearest water well is located approximately 0.37 miles south of the site in S32, T22S, R34E, and was drilled in 2020. The water well was drilled to a depth of 282 feet below ground surface (ft bgs). Based on the data from the nearby water well, the area will be reclaimed utilizing thresholds set by the depth of water being greater than 105'. The second water well is located approximately 0.46 miles West of the site in S32, T22S, R34E, and was drilled in 2023. The water well was drilled to a depth of 305 feet below ground surface (ft bgs). See Appendix D.

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 or overlie a subsurface mine. The nearest 100-year floodplain greater than 5 miles away. There are no continuously flowing watercourses in the vicinity of the site. The nearest continuously flowing watercourse is the Pecos River, which is greater than 5.0 miles West of the site. No lakebeds or sinkholes are located within 200 feet of the site. There is one (1) freshwater emergent wetland approximately 0.92 miles northeast of the site. The site is not located within 300 feet of an occupied permanent residence, school, hospital, institution, or church. The nearest permanent residence is 0.90 miles East of the site. There are no springs or private or domestic freshwater wells within 500 feet of the site location. A copy of the groundwater characterization is attached in Appendix D.



Cultural and Biological Compliance

Remediation and reclamation activities will not go beyond the previously disturbed areas designated for remediation or reclamation. Compliance with the CPP Rule will be maintained throughout the remediation and reclamation activities. After further review, the site does fall within a biologically sensitive area for the Lesser Prairie Chicken (LPC). Though it is rated a CHAT Level 5, Carmona Resources determines that the adjacent surroundings serve as a suitable habitat for the LPC. Per the NMDGF (New Mexico Department of Game and Fish), areas with '*sand sage used for nesting habitat*' will be avoided to comply with LPC management practices enforced by the NMDGF. SSPS surveys will not be completed unless remediation activities move past previously disturbed areas. An archaeological survey was completed, and the findings were negative. Please see Appendix G for the archaeological survey cover letter. 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 will be used to assess the site. The standards below are also established for the upper 4 feet of the area:

- 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.

The following criteria will be utilized in assessing the area after 4 feet:

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

On May 1, 2026, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. One (1) test trench (T-1) and four (4) horizontal samples (H-1 through H-4) were advanced to depths ranging from the surface to 11' 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 Eurofins Laboratories in Midland, Texas. 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 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved for the T-1 area. Refer to Table 1.

Horizontal Delineation

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



5.0 Proposed Remediation Plan

Based on analytical data showing elevated Chloride concentrations, Devon Energy proposes to remediate the areas shown in Figure 4 and highlighted in blue in Table 1.

- The area of T-1 will be excavated to a depth of 4.5' below the surface. This area will be held to the established site closure criteria per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.
- A two (2) day work start notification and two (2) day confirmation sampling notification will be submitted to the NMSLO & NMOCD prior to final sampling activities.
- Confirmation floor and sidewall composite samples will be collected every 200 square feet per NMAC 19.15.29.12 to represent the release area. The samples will be analyzed for benzene, total BTEX, TPH, and chloride concentrations.
- An estimated 245 cubic yards of impacted soil will be removed and hauled to an approved disposal site. Once the site activities are complete, the area will be backfilled with clean laboratory-tested material to surface grade. If clean sidewalls are encountered prior to excavation to full extent, 5-point composite sidewalls will be collected and submitted to the lab to ensure it is clean below the most stringent thresholds.
- 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.
- The remediation will be implemented 60 days after the NMOCD & NMSLO approves the work plan.
- Documentation of remediation activities, along with lab analysis results, will be provided in the closure report.

6.0 Proposed Reclamation Plan

Based on the site investigation, Devon Energy proposes reclaiming and reseeding the area shown in Figure 5. Once remediation activities are complete.

- Caliche used as backfill will match the natural depth of caliche onsite, followed by no less than 10 inches of imported topsoil.
- The location will be contoured to match the surrounding topography. Windrows and hummocks will be constructed to promote soil stability, re-vegetation, and establish erosion control.
- All areas disturbed by remediation and reclamation activities will be restored as closely as practicable to their original conditions. Site grading will be performed to reestablish natural contours and restore historic drainage features using onsite earthen materials, such as native soil and rock, where appropriate. These efforts are intended to promote positive drainage, minimize erosion, and support successful revegetation. Site-specific erosion and stormwater control measures will be implemented based on topography, surface conditions, and observed flow patterns.
- To manage surface runoff, earthen berms will be constructed perpendicular to the anticipated stormwater flow direction, which trends from North to South. These windrows or hummocks



will be built with onsite native soil, shaped to a 2:1 slope, and lightly compacted to ensure structural integrity. All berms will be seeded with the approved NMSLO seed mix to promote vegetative cover and provide long-term stabilization. See Figure 6.

- The proposed area will be reseeded with Loamy (L) seed mix, 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 hand broadcast across the disturbed areas.
- 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 exceeds 70 percent of pre-disturbance levels, excluding invasive or noxious weeds.
- If noxious weeds are identified, the NMOCD & 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 NMOCD & NMSLO.
- Reclamation activities will be implemented within 60 days of NMOCD & NMSLO approval of the work plan.
- Documentation of reclamation activities will be compiled into the closure report that will be submitted to the NMSLO and NMOCD

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

FIGURES

CARMONA RESOURCES

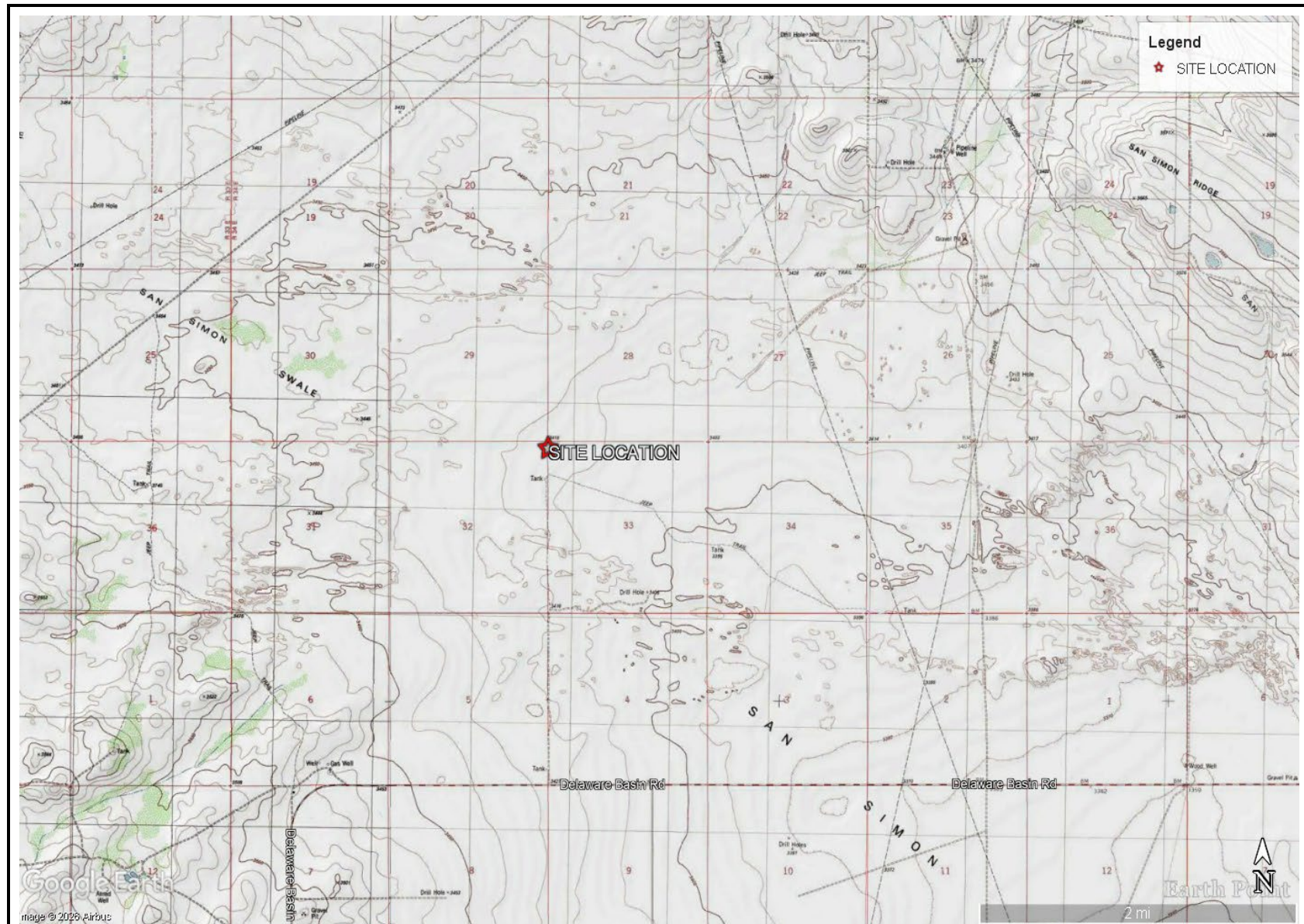




OVERVIEW MAP
DEVON ENERGY
ELEVATE GUACHO SPILL
LEA COUNTY, NEW MEXICO
32.354888°, -103.483554°



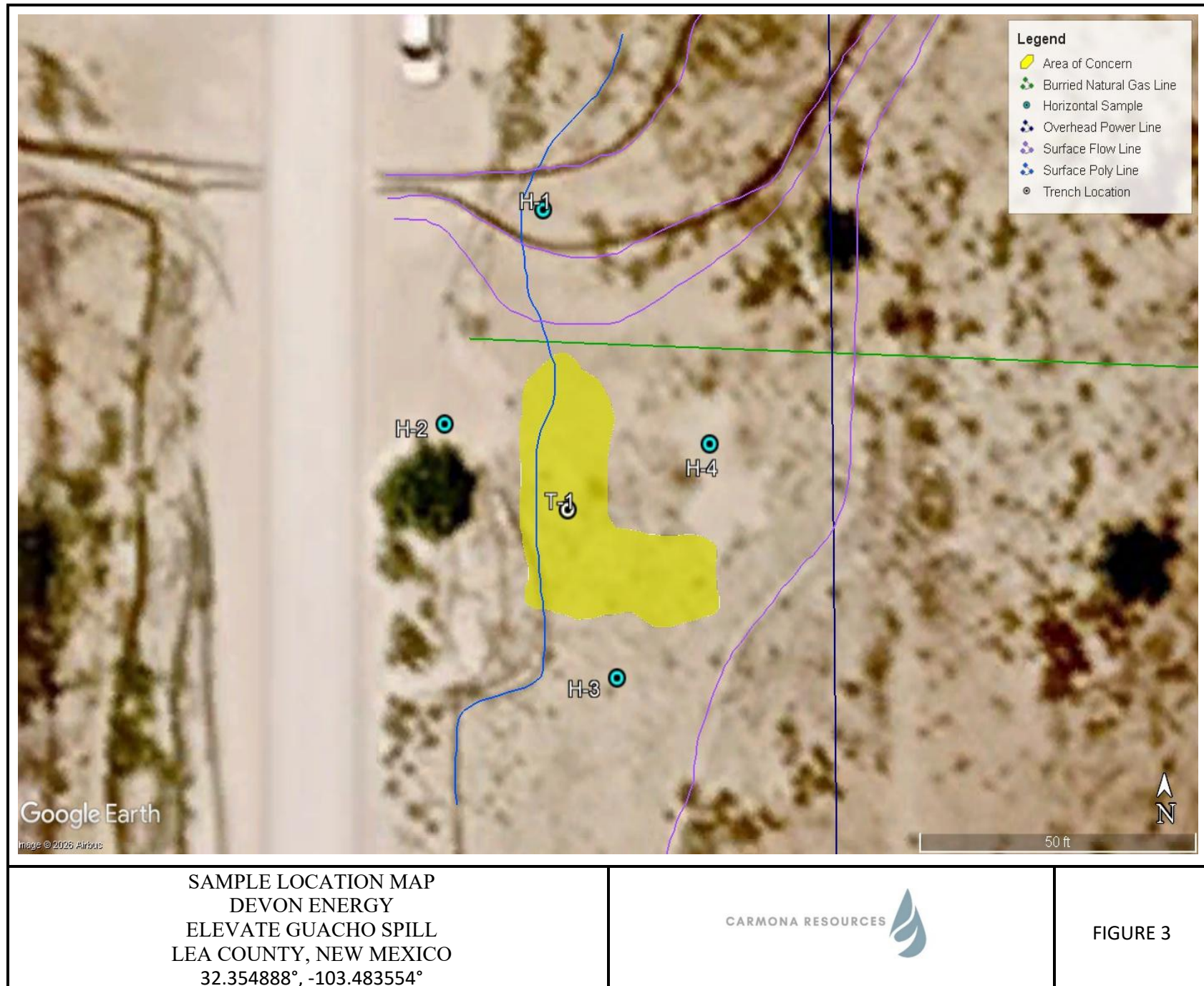
FIGURE 1

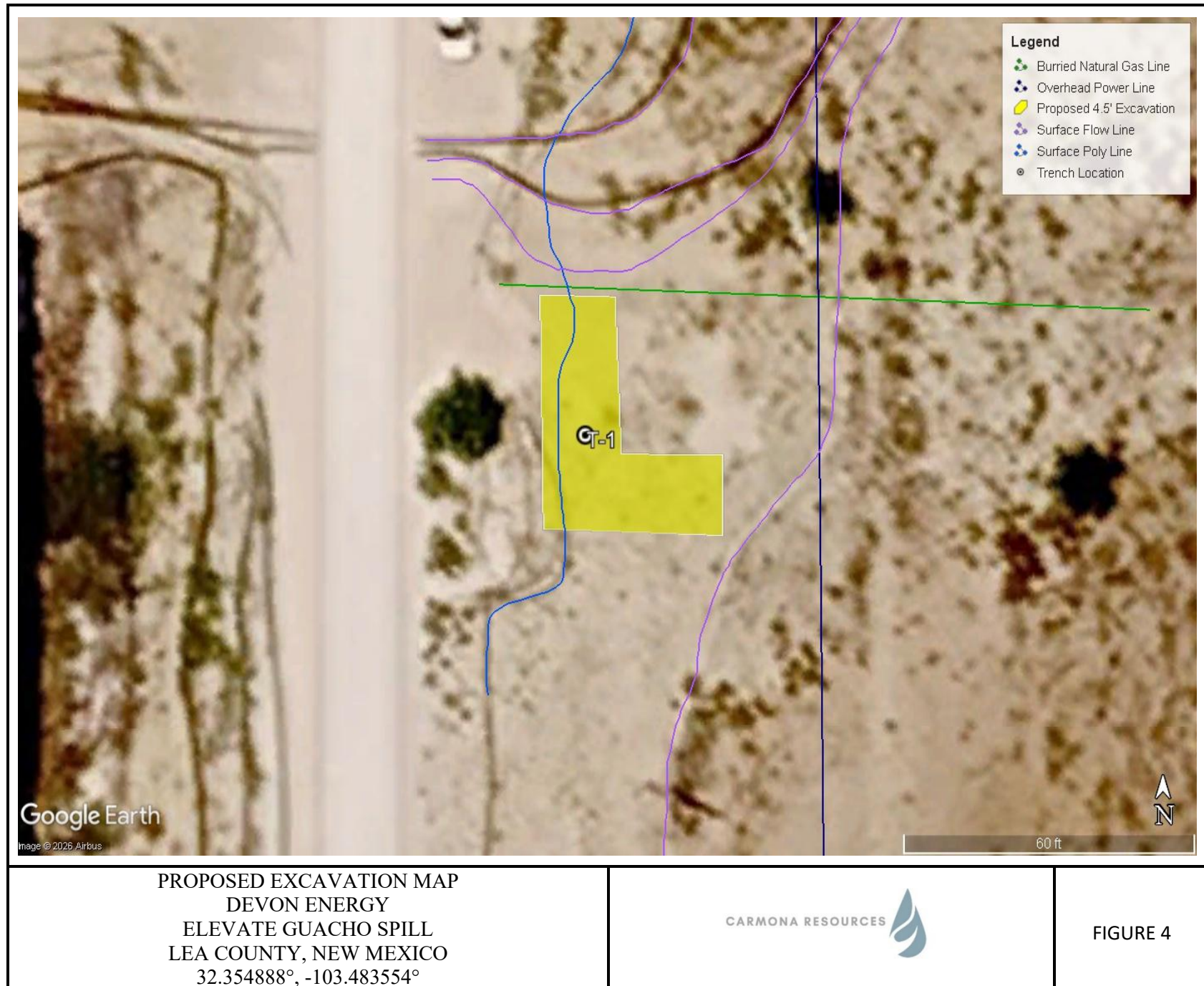


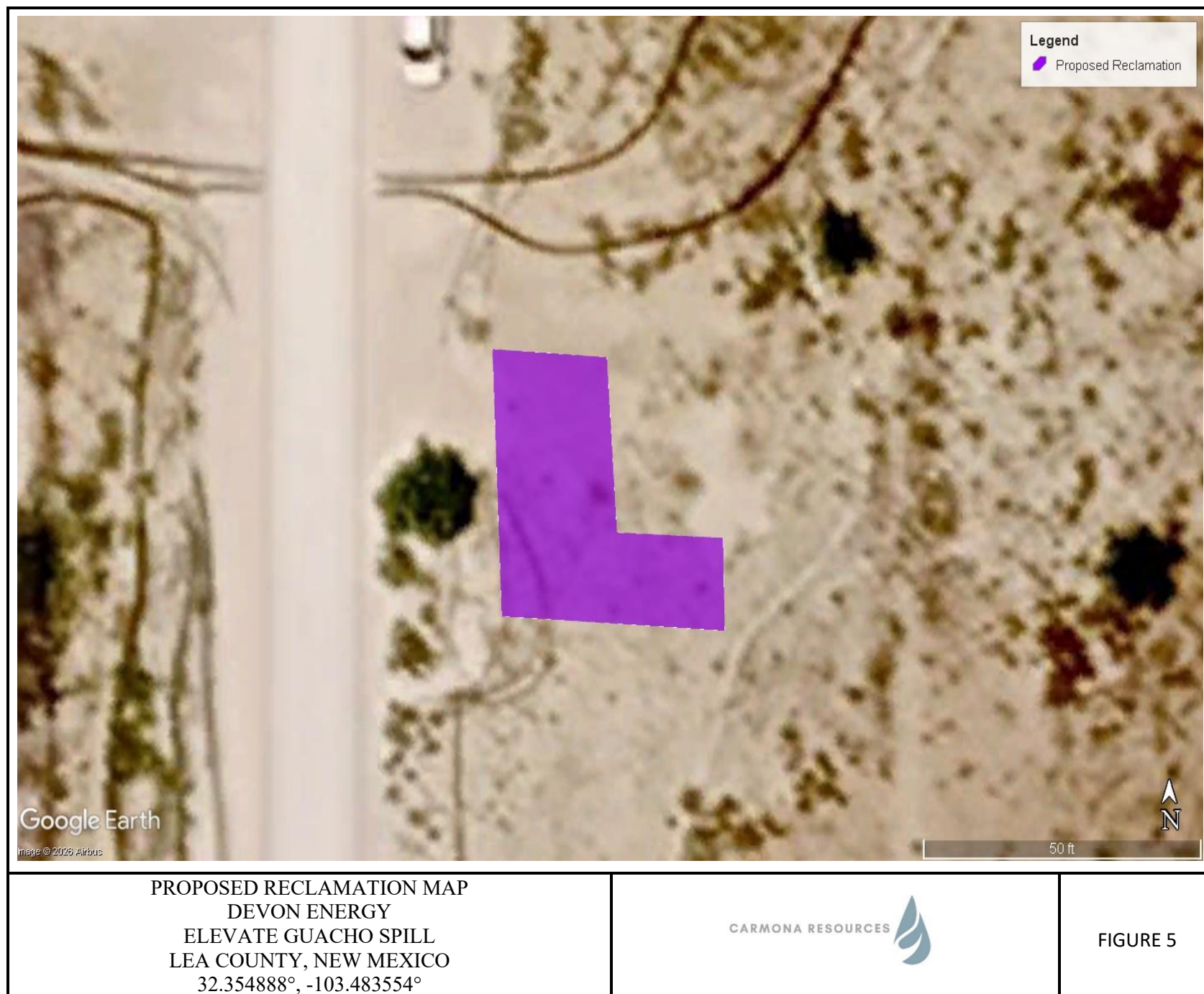
TOPOGRAPHIC MAP
DEVON ENERGY
ELEVATE GUACHO SPILL
LEA COUNTY, NEW MEXICO
32.254902°, -103.483554°



FIGURE 2









APPENDIX A

CARMONA RESOURCES



Table 1
Devon Energy
Elevate Guacho Spill
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						
T-1	5/1/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	44.5
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8,990
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	8,620
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10,400
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	0.00263	<0.00202	0.0103	0.0129	4,800
	"	5.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,210
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,980
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,230
	"	8.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,990
	"	9.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,540
	"	10.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	969
	"	11.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	336
H-1	3/20/2026	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	34.9
H-2	3/20/2026	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	35.3
H-3	3/20/2026	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.2
H-4	3/20/2026	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	26.6
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample

(T) Trenching Sample

Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: Elevate Guacho Spill

County: Lea County, New Mexico

Description:

View South, area of T-1.



Photograph No. 2

Facility: Elevate Guacho Spill

County: Lea County, New Mexico

Description:

View East, area of T-1.



Photograph No. 3

Facility: Elevate Guacho Spill

County: Lea County, New Mexico

Description:

View North, area of T-1.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 564736

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 564736
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Elevate Guacho Spill
Date Release Discovered	03/09/2026
Surface Owner	State

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Pipeline (Any) Produced Water Released: 7 BBL Recovered: 5 BBL Lost: 2 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)	Water transfer line damaged by human error, this allowed fluids to be released to ROW.

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QUESTIONS, Page 2

Action 564736

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 564736
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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

Action 564736

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 564736
	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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1220 S. St Francis Dr.
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CONDITIONS

Action 564736

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 564736
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/19/2026

Spill volume Calculations

Free Standing Fluid Volume

How do you want to enter area? Total area from app

Area from app (ft ²)	60.00
Depth of fluid	6.00 in
Number of Tanks in Fluid Affected Area (if any):	0
Tank Diameter (if needed):	0.0 ft
Volume of Standing Fluid	5.34 bbl

Contaminated Soil Calculations

How do you want to enter area? Total area from app

Area from app (ft ²)	60.00
Depth of impacted soil	6.00 in
Soil Type	Sand
Spilled Material	Produced Water
Soil Saturation	Wet - hand is wet/muddy after handling
Volume of Spill In Soil	1.78 bbls
Total Spill Volume	7.12 bbls

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

QUESTIONS

Action 565009

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 565009
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2607836315
Incident Name	NAPP2607836315 ELEVATE GUACHO SPILL @ D-33-22S-34E 174N 29W
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Elevate Guacho Spill
Date Release Discovered	03/09/2026
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: Human Error Pipeline (Any) Produced Water Released: 7 BBL Recovered: 5 BBL Lost: 2 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)	Water transfer line damaged by human error, this allowed fluids to be released to ROW.

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

QUESTIONS, Page 2

Action 565009

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 565009
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 03/20/2026
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 565009

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 565009
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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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

CONDITIONS

Action 565009

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 565009
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	3/23/2026

APPENDIX D

CARMONA RESOURCES

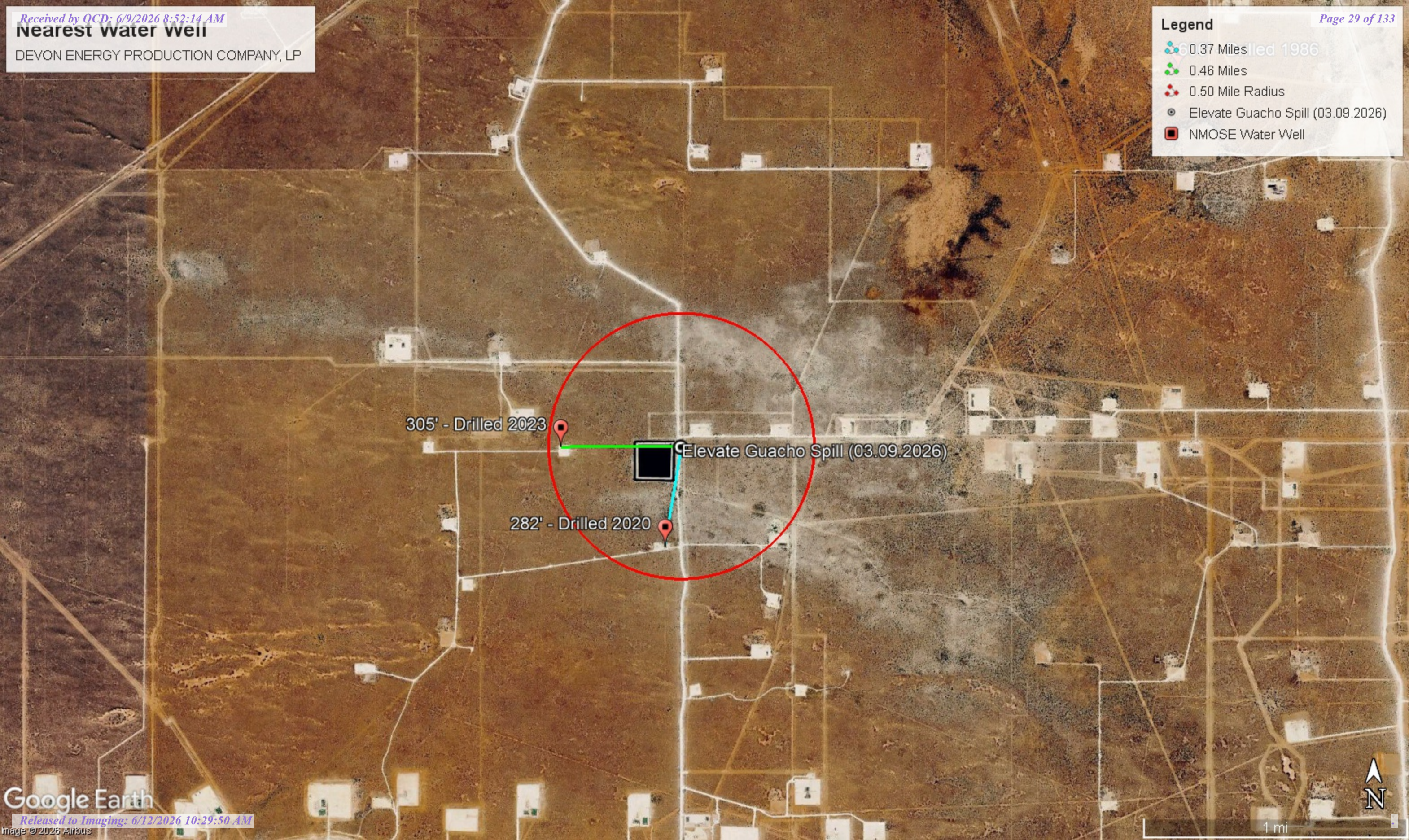


Nearest water well

DEVON ENERGY PRODUCTION COMPANY, LP

Legend

- 0.37 Miles
- 0.46 Miles
- 0.50 Mile Radius
- Elevate Guacho Spill (03.09.2026)
- NMOSE Water Well



305' - Drilled 2023

Elevate Guacho Spill (03.09.2026)

282' - Drilled 2020



Low Karst

DEVON ENERGY PRODUCTION COMPANY, LP

Legend

- Elevate Guacho Spill (03.09.2026)
- Low

Elevate Guacho Spill (03.09.2026)





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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 01706 POD1		CP	LE	SE	SE	NE	32	22S	34E	642602.0	3580203.9		596	340	282	58
CP 01705 POD1		CP	LE	SE	SE	NE	32	22S	34E	642587.8	3580179.1		623	700	305	395
CP 01829 POD1		CP	LE	SE	SE	NE	32	22S	34E	642559.1	3580172.5		635	1410	1150	260
CP 01842 POD1		CP	LE	NW	NW	NE	32	22S	34E	641960.2	3580777.3		734	1083	305	778
CP 01844 POD1		CP	LE	SW	SW	SW	33	22S	34E	642763.8	3579308.3		1486	960	295	665
CP 01843 POD1		CP	LE	NW	NW	NW	32	22S	34E	641163.2	3580761.8		1531	1124	310	814
CP 01847 POD1		CP	LE	NE	NW	SW	32	22S	34E	641372.3	3579964.8		1560	1053	307	746
CP 01845 POD1		CP	LE	SE	SE	SW	33	22S	34E	643396.2	3579337.3		1615	880	293	587
CP 01803 POD1		CP	LE	NW	NW	NW	34	22S	34E	644356.8	3580786.1		1662	240	180	60
CP 01826 POD1		CP	LE	NW	NW	NW	34	22S	34E	644379.1	3580778.4		1684	698	180	518
CP 01740 POD1		CP	LE	NW	NW	NW	34	22S	34E	644401.8	3580765.5		1707	600	560	40
CP 01973 POD1		CP	LE	SE	NE	SE	30	22S	34E	641032.7	3581307.9		1740	55		
CP 00865 POD1		CP	LE	NE	NE	SW	20	22S	34E	641845.3	3583118.5		2475	885	605	280
CP 01990 POD1		CP	LE	SW	SE	SE	19	22S	34E	640839.7	3582490.8		2514	60		
CP 01987 POD1		CP	LE	SW	SW	NW	05	23S	34E	641116.4	3578601.3		2700			
CP 01622 POD1		CP	LE	NW	SW	SW	04	23S	34E	642829.6	3577872.3		2923	575	285	290
CP 01502 POD2		CP	LE	SE	SW	SW	05	23S	34E	642073.9	3577676.9		3177	680	300	380
CP 01982 POD1		CP	LE	NE	SE	NE	36	22S	33E	639485.0	3580270.9		3251			
CP 01963 POD1		CP	LE	SE	SW	SE	17	22S	34E	642073.3	3584138.8		3403	60		
CP 01502 POD1		CP	LE	SE	SW	SW	05	23S	34E	641316.1	3577635.4		3445	648	200	448
CP 01075 POD1		CP	LE	NW	NW	NW	08	23S	34E	641295.1	3577544.6		3536	430	20	410
CP 01841 POD1		CP	LE	SW	SW	SW	03	23S	34E	644389.5	3577684.8		3540	650	295	355
CP 00872 POD1		CP	LE	NW	NW	NW	08	23S	34E	641225.0	3577504.0 *		3602	494	305	189
CP 00278 POD1		CP	LE	NW	SW	SE	06	23S	34E	640413.3	3577897.5		3686	640		
CP 00704		CP	LE		NE	SE	22	22S	34E	645681.0	3583097.0 *		3771	600		
CP 01130 POD1		CP	LE	NE	NW	NE	07	23S	34E	640662.3	3577558.8		3819	27		
CP 01130 POD2		CP	LE	NE	NW	NE	07	23S	34E	640673.9	3577549.4		3821	27		
CP 01362 POD1		CP	LE	SW	SE	SE	18	22S	34E	640808.7	3584182.9		3879	1032	613	419
CP 01971 POD1		CP	LE	NW	NW	SW	06	23S	34E	639699.6	3578272.7		3914			

Average Depth to Water: **357 feet**

Minimum Depth: **20 feet**

Maximum Depth: **1150 feet**

Record Count: 29

UTM Filters (in meters):

Easting: 642694.76

Northing: 3580792.86

Radius: 4000.00

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2020 JAN 13 PM 4:07

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1706		WELL TAG ID NO.		OSE FILE NO(S).			
	WELL OWNER NAME(S) LIMESTONE BASIN PROPERTIES RANCH LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 3300 N A STREET, BLDG 1, STE 220				CITY MIDLAND	STATE TX	ZIP 79705	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 58.20 N	* 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 SESENE SEC 32 T22S R34E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706		NAME OF LICENSED DRILLER BRYCE WALLACE			NAME OF WELL DRILLING COMPANY ELITE DRILLERS CORPORATION		
	DRILLING STARTED 01/06/20	DRILLING ENDED 01/07/20	DEPTH OF COMPLETED WELL (FT) 340	BORE HOLE DEPTH (FT) 340	DEPTH WATER FIRST ENCOUNTERED (FT) 282			
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 282			
	DRILLING FLUID: ☐ AIR ☒ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	280	6.75	SDR17 PVC	SPLINE	4.3	SDR17	
	280	340	6.75	SDR17 PVC	SPLINE	4.3	SDR17	.032
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	25	340	6.75	8/16 SILICA SAND	54	POUR		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	CP-1706	POD NO.	1	TRN NO.	663964
LOCATION	A 24 T22S R34E Sec 32	WELL TAG ID NO.	NA	PAGE 1 OF 2	

STATE OF TEXAS
COUNTY OF DALLAS
OFFICE OF THE CLERK
ROBERT L. JONES
DALLAS, TEXAS
2020 JAN 13 PM 4:07

WR-20 WELL RECORD & LOG (Version 04/30/2019)



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP 1842 POD 1		WELL TAG ID NO. ID 211FD		OSE FILE NO(S). CP 1842			
	WELL OWNER NAME(S) Limestone Basin Properties Ranch				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6 Desta Drive, Ste 2725				CITY Midland	STATE TX	ZIP 79705	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 21	SECONDS 17.71	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
	LATITUDE							
	LONGITUDE	-103	29	28.68				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1706		NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation		
	DRILLING STARTED 12/07/23		DRILLING ENDED 12/11/23		DEPTH OF COMPLETED WELL (FT) 1,083	BORE HOLE DEPTH (FT) 1,083	DEPTH WATER FIRST ENCOUNTERED (FT) 305	
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 305	DATE STATIC MEASURED 12/11/23	
	DRILLING FLUID: ☐ AIR ☒ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	60	26	A53 GRADE B STEEL	WELD	23.25	.375	
	0	553	20	J55	T/C (14.375)	12.6	.38	
	553	1,083	20	J55	T/C (14.375)	12.6	.38	.020
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	60	26	PORTLAND I/II CEMENT	95	GRAVITY		
	0	30	20	PORTLAND I/II CEMENT	32	GRAVITY		
	30	483	20	3/8 BENTONITE HOLE PLUG	300	GRAVITY		
	483	1,083	20	12/20 SILICA SAND	425	GRAVITY		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-01842	POD NO. 1	TRN NO. 672422
LOCATION 22S. 34E. 32. 112	WELL TAG ID NO. 211FD	PAGE 1 OF 2

DEPTH (feet bgl)	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)
	FROM	TO			
0	5	5	SAND	Y N	
5	15	10	SANDY CALICHE	Y N	
15	30	15	CALICHE	Y N	
30	137	107	SANDY BROWN CLAY	Y N	
137	250	113	BROWN CLAY	Y N	
250	750	500	TAN SAND	✓ Y N	100.00
750	890	140	TAN/RED SAND	✓ Y N	100.00
890	905	15	TAN SAND	✓ Y N	100.00
905	1027	122	TAN/YELLOW SAND	✓ Y N	100.00
1027	1050	22	TAN SAND W/ SMALL GRAVEL	✓ Y N	100.00
1050	1083	33	RED CLAY	✓ Y N	100.00
				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): 600.00	

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.

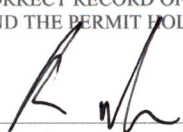
MISCELLANEOUS INFORMATION:

USE DTI MAR 8 2024 11:38

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

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 30 DAYS AFTER COMPLETION OF WELL DRILLING:



BRYCE WALLACE

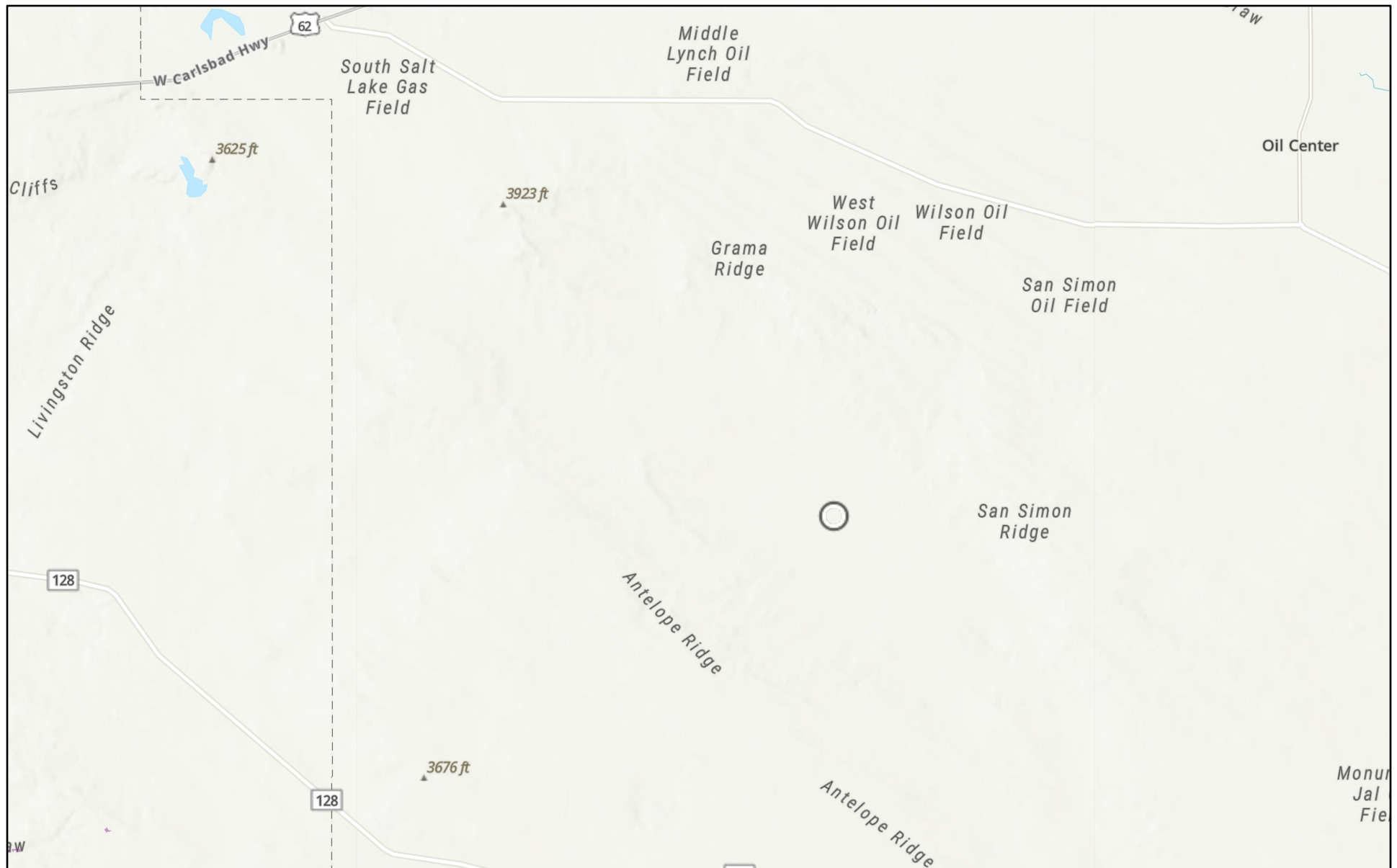
01/06/24

SIGNATURE OF DRILLER / PRINT SIGNEE NAME

DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	CP-01842	POD NO.	1
LOCATION		TRN NO.	672422
22S.34E.32.112		WELL TAG ID NO.	211FN
		PAGE 2 OF 2	

Elevate Guacho Spill (03.09.2026)



6/5/2026

USA Flood Hazard Areas

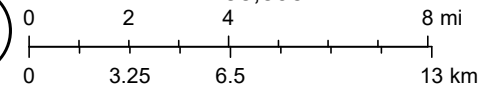


1% Annual Chance Flood Hazard

World_Hillshade

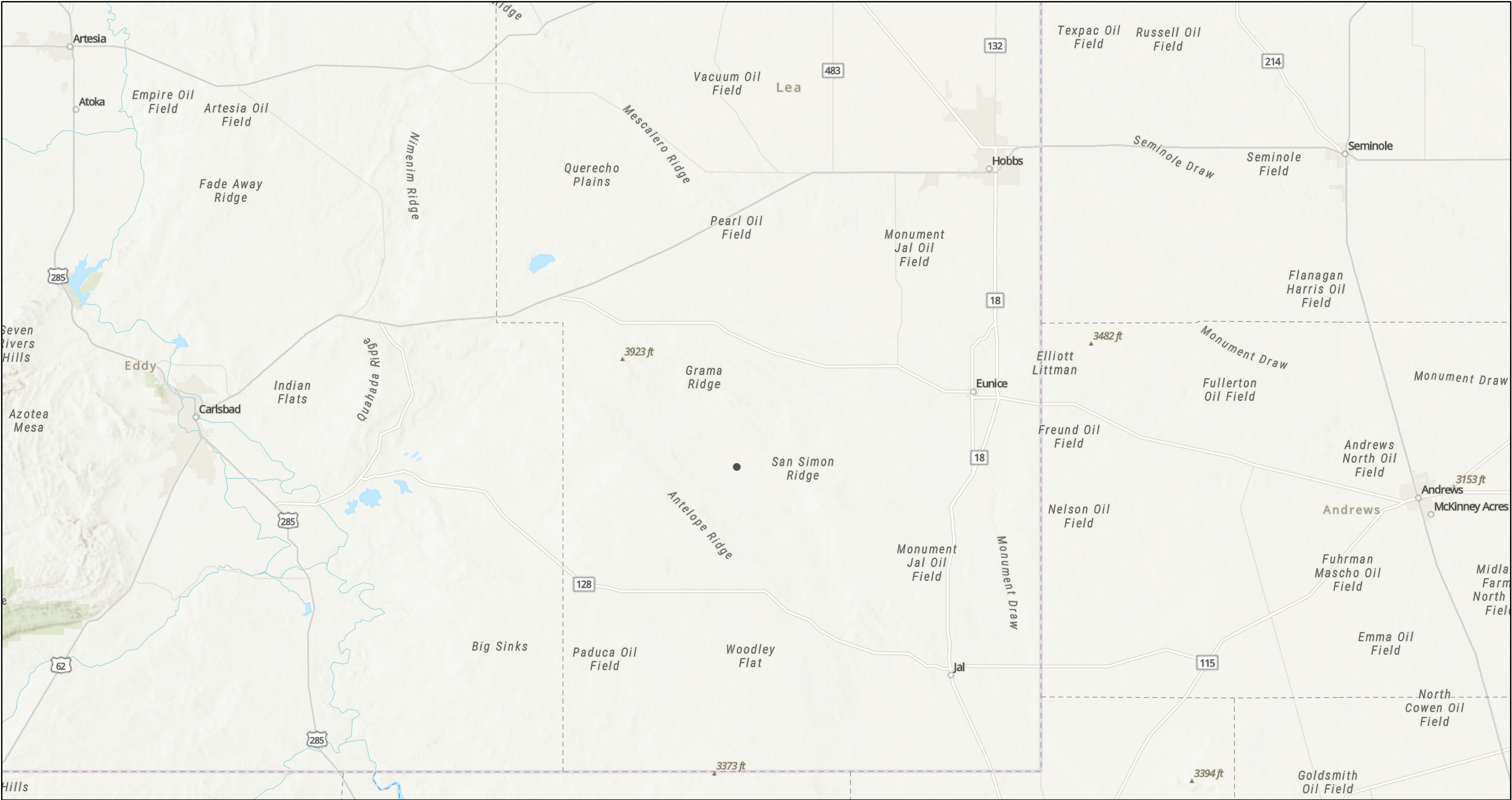


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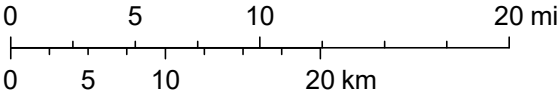
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

Elevate Guacho Spill (03.09.2026)



6/5/2026, 11:30:06 AM

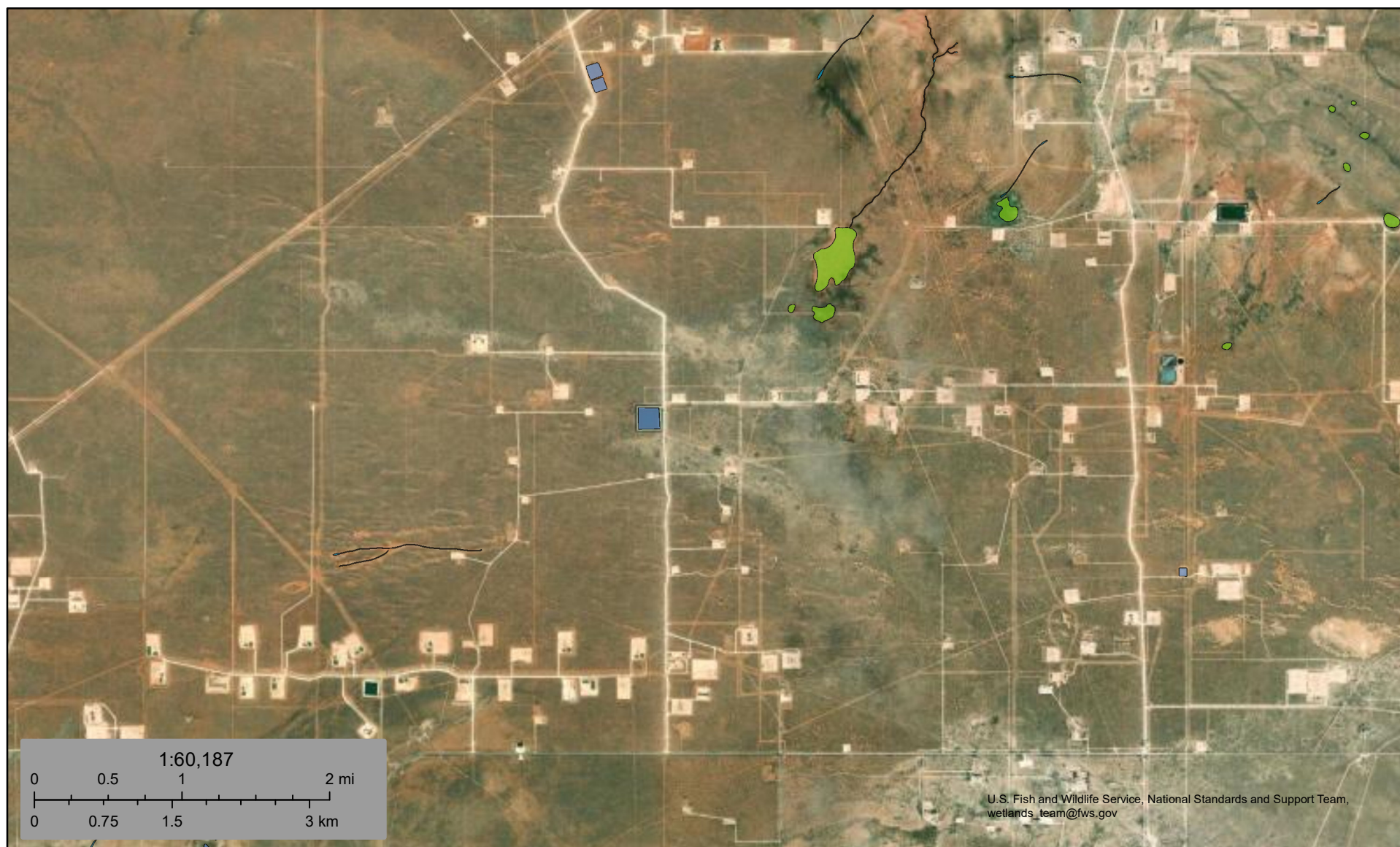
1:577,791



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



Elevate Guacho Spill (03.09.2026)



June 5, 2026

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.

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 3/30/2026 10:38:28 AM

JOB DESCRIPTION

Gaucha Spill
Lea County, New Mexico

JOB NUMBER

890-9687-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/30/2026 10:38:28 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Gaucho Spill

Laboratory Job ID: 890-9687-1
SDG: Lea County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	23

1

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14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Gaucho Spill

Job ID: 890-9687-1

Job ID: 890-9687-1

Eurofins Carlsbad

Job Narrative 890-9687-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 3/20/2026 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -10.8°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135897 and analytical batch 880-135981 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-135897 and analytical batch 880-135981 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-135696 and analytical batch 880-136167 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (890-9687-1), H-2 (0-0.5) (890-9687-2), H-4 (0-0.5) (890-9687-4), (LCS 880-135696/2-A), (MB 880-135696/1-A), (890-9684-A-10-A) and (890-9684-A-10-C MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-9687-1

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/25/26 11:59	03/26/26 18:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/25/26 11:59	03/26/26 18:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/25/26 11:59	03/26/26 18:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/25/26 11:59	03/26/26 18:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/25/26 11:59	03/26/26 18:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/25/26 11:59	03/26/26 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/25/26 11:59	03/26/26 18:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/25/26 11:59	03/26/26 18:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/26 18:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/26 00:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/26 14:11	03/28/26 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/26 14:11	03/28/26 00:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/26 14:11	03/28/26 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130	03/23/26 14:11	03/28/26 00:23	1
o-Terphenyl (Surr)	126		70 - 130	03/23/26 14:11	03/28/26 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.9		10.1		mg/Kg			03/24/26 17:29	1

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-9687-2

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/25/26 11:59	03/26/26 18:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/25/26 11:59	03/26/26 18:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/25/26 11:59	03/26/26 18:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/25/26 11:59	03/26/26 18:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/25/26 11:59	03/26/26 18:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/25/26 11:59	03/26/26 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	03/25/26 11:59	03/26/26 18:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/25/26 11:59	03/26/26 18:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-9687-2

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/26/26 18:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/28/26 00:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/28/26 00:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/28/26 00:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/28/26 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				03/23/26 14:11	03/28/26 00:44	1
o-Terphenyl (Surr)	133	S1+	70 - 130				03/23/26 14:11	03/28/26 00:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3		10.0		mg/Kg			03/24/26 17:35	1

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-9687-3

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/26 11:59	03/26/26 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				03/25/26 11:59	03/26/26 18:52	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/25/26 11:59	03/26/26 18:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/26 18:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/28/26 01:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-9687-3

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				03/23/26 14:11	03/28/26 01:04	1
o-Terphenyl (Surr)	123		70 - 130				03/23/26 14:11	03/28/26 01:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		9.94		mg/Kg			03/24/26 17:50	1

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-9687-4

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/25/26 11:59	03/26/26 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/25/26 11:59	03/26/26 19:13	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/25/26 11:59	03/26/26 19:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/26/26 19:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/28/26 01:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 14:11	03/28/26 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				03/23/26 14:11	03/28/26 01:24	1
o-Terphenyl (Surr)	151	S1+	70 - 130				03/23/26 14:11	03/28/26 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.6		9.98		mg/Kg			03/24/26 17:56	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-69946-A-1-B MS	Matrix Spike	102	96
880-69946-A-1-C MSD	Matrix Spike Duplicate	110	114
890-9687-1	H-1 (0-0.5)	93	90
890-9687-2	H-2 (0-0.5)	121	100
890-9687-3	H-3 (0-0.5)	84	93
890-9687-4	H-4 (0-0.5)	121	88
LCS 880-135897/1-A	Lab Control Sample	111	102
LCSD 880-135897/2-A	Lab Control Sample Dup	114	97
MB 880-135897/5-A	Method Blank	289 S1+	132 S1+
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9684-A-10-B MS	Matrix Spike	107	103
890-9684-A-10-C MSD	Matrix Spike Duplicate	152 S1+	135 S1+
890-9687-1	H-1 (0-0.5)	131 S1+	126
890-9687-2	H-2 (0-0.5)	139 S1+	133 S1+
890-9687-3	H-3 (0-0.5)	122	123
890-9687-4	H-4 (0-0.5)	154 S1+	151 S1+
LCS 880-135696/2-A	Lab Control Sample	133 S1+	118
LCSD 880-135696/3-A	Lab Control Sample Dup	112	104
MB 880-135696/1-A	Method Blank	137 S1+	137 S1+
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135897/5-A

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135897

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/26 11:59	03/26/26 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/26 11:59	03/26/26 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/26 11:59	03/26/26 12:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/25/26 11:59	03/26/26 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/26 11:59	03/26/26 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/26 11:59	03/26/26 12:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	289	S1+	70 - 130	03/25/26 11:59	03/26/26 12:12	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	03/25/26 11:59	03/26/26 12:12	1

Lab Sample ID: LCS 880-135897/1-A

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135897

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1092		mg/Kg		109	70 - 130
Toluene	0.100	0.09597		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2155		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1205		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-135897/2-A

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135897

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1115		mg/Kg		111	70 - 130	2	35
Toluene	0.100	0.09759		mg/Kg		98	70 - 130	2	35
Ethylbenzene	0.100	0.1168		mg/Kg		117	70 - 130	10	35
m,p-Xylenes	0.200	0.2322		mg/Kg		116	70 - 130	7	35
o-Xylene	0.100	0.1271		mg/Kg		127	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-69946-A-1-B MS

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 135897

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09547		mg/Kg		95	70 - 130
Toluene	<0.00200	U F1	0.100	0.06764	F1	mg/Kg		68	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-69946-A-1-B MS

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 135897

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0322	F1	0.100	0.09231	F1	mg/Kg		60	70 - 130
m,p-Xylenes	0.159	F1	0.200	0.2703	F1	mg/Kg		56	70 - 130
o-Xylene	0.0575	F1	0.100	0.1163	F1	mg/Kg		59	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-69946-A-1-C MSD

Matrix: Solid

Analysis Batch: 135981

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 135897

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09501		mg/Kg		95	70 - 130	0	35
Toluene	<0.00200	U F1	0.100	0.06826	F1	mg/Kg		68	70 - 130	1	35
Ethylbenzene	0.0322	F1	0.100	0.08486	F1	mg/Kg		53	70 - 130	8	35
m,p-Xylenes	0.159	F1	0.200	0.2493	F1	mg/Kg		45	70 - 130	8	35
o-Xylene	0.0575	F1	0.100	0.1123	F1	mg/Kg		55	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-135696/1-A

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/27/26 15:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/27/26 15:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 14:11	03/27/26 15:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130	03/23/26 14:11	03/27/26 15:28	1
o-Terphenyl (Surr)	137	S1+	70 - 130	03/23/26 14:11	03/27/26 15:28	1

Lab Sample ID: LCS 880-135696/2-A

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135696

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1156		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1225		mg/Kg		122	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-135696/2-A

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135696

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-135696/3-A

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135696

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1076		mg/Kg		108	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1075		mg/Kg		108	70 - 130	13	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 890-9684-A-10-B MS

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 135696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	871.2		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	54.0	F2	998	883.7		mg/Kg		83	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 890-9684-A-10-C MSD

Matrix: Solid

Analysis Batch: 136167

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 135696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	1153	F2	mg/Kg		114	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	54.0	F2	998	1174	F2	mg/Kg		112	70 - 130	28	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	152	S1+	70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-135713/1-A

Matrix: Solid

Analysis Batch: 135757

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/24/26 15:44	1

Lab Sample ID: LCS 880-135713/2-A

Matrix: Solid

Analysis Batch: 135757

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.9		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-135713/3-A

Matrix: Solid

Analysis Batch: 135757

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.3		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-9686-A-1-C MS

Matrix: Solid

Analysis Batch: 135757

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2290		1260	3438		mg/Kg		91	90 - 110

Lab Sample ID: 890-9686-A-1-D MSD

Matrix: Solid

Analysis Batch: 135757

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2290		1260	3443		mg/Kg		92	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 135897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	5035	
MB 880-135897/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135897/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135897/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69946-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-69946-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	8021B	135897
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	8021B	135897
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	8021B	135897
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	8021B	135897
MB 880-135897/5-A	Method Blank	Total/NA	Solid	8021B	135897
LCS 880-135897/1-A	Lab Control Sample	Total/NA	Solid	8021B	135897
LCSD 880-135897/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135897
880-69946-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	135897
880-69946-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135897

Analysis Batch: 136148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 135696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-135696/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135696/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9684-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9684-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 136167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	135696
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	135696
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	135696
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	135696
MB 880-135696/1-A	Method Blank	Total/NA	Solid	8015B NM	135696
LCS 880-135696/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135696

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QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 136167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-135696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135696
890-9684-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	135696
890-9684-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	135696

Analysis Batch: 136244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9687-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9687-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9687-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 135713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9687-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9687-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9687-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-135713/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135713/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135713/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9686-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9686-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 135757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9687-1	H-1 (0-0.5)	Soluble	Solid	300.0	135713
890-9687-2	H-2 (0-0.5)	Soluble	Solid	300.0	135713
890-9687-3	H-3 (0-0.5)	Soluble	Solid	300.0	135713
890-9687-4	H-4 (0-0.5)	Soluble	Solid	300.0	135713
MB 880-135713/1-A	Method Blank	Soluble	Solid	300.0	135713
LCS 880-135713/2-A	Lab Control Sample	Soluble	Solid	300.0	135713
LCSD 880-135713/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135713
890-9686-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	135713
890-9686-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	135713

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-9687-1

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135897	03/25/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135981	03/26/26 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136148	03/26/26 18:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			136244	03/28/26 00:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	135696	03/23/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136167	03/28/26 00:23	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135713	03/23/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135757	03/24/26 17:29	SMC	EET MID

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-9687-2

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135897	03/25/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135981	03/26/26 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136148	03/26/26 18:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			136244	03/28/26 00:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135696	03/23/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136167	03/28/26 00:44	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	135713	03/23/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135757	03/24/26 17:35	SMC	EET MID

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-9687-3

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135897	03/25/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135981	03/26/26 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136148	03/26/26 18:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			136244	03/28/26 01:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	135696	03/23/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136167	03/28/26 01:04	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	135713	03/23/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135757	03/24/26 17:50	SMC	EET MID

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-9687-4

Date Collected: 03/20/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135897	03/25/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135981	03/26/26 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			136148	03/26/26 19:13	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5)
Date Collected: 03/20/26 00:00
Date Received: 03/20/26 15:40

Lab Sample ID: 890-9687-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			136244	03/28/26 01:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	135696	03/23/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	136167	03/28/26 01:24	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	135713	03/23/26 15:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135757	03/24/26 17:56	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 890-9687-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9687-1	H-1 (0-0.5)	Solid	03/20/26 00:00	03/20/26 15:40	New Mexico
890-9687-2	H-2 (0-0.5)	Solid	03/20/26 00:00	03/20/26 15:40	New Mexico
890-9687-3	H-3 (0-0.5)	Solid	03/20/26 00:00	03/20/26 15:40	New Mexico
890-9687-4	H-4 (0-0.5)	Solid	03/20/26 00:00	03/20/26 15:40	New Mexico

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- 14



90-9687

890-9687 Chain of Custody

[illegible]

Eurofins Carlebad

Carlson's Carlsbad
1089 N Canal St.
Carlsbad, NM 86220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9687-1

SDG Number: Lea County, New Mexico

Login Number: 9687

List Number: 1

List Source: Eurofins Carlsbad

Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9687-1
SDG Number: Lea County, New Mexico

Login Number: 9687

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 03/22/26 07:56 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

- 1
- 2
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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/11/2026 6:19:16 PM

JOB DESCRIPTION

Gaucha Spill
Lea County New Mexico

JOB NUMBER

880-72062-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.
Released to Imaging: 6/12/2026 10:29:50 AM

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: Carmona Resources
Project/Site: Gaucho Spill

Laboratory Job ID: 880-72062-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	16
QC Sample Results	18
QC Association Summary	30
Lab Chronicle	35
Certification Summary	39
Method Summary	40
Sample Summary	41
Chain of Custody	42
Receipt Checklists	44

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Gaucho Spill

Job ID: 880-72062-1

Job ID: 880-72062-1

Eurofins Midland

Job Narrative
880-72062-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/8/2026 9:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.5°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-139930 and analytical batch 880-140266 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-140370/20). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-140373 and analytical batch 880-140370 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-71840-A-3-D MS). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140377 and analytical batch 880-140372 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: T-1 (2') (880-72062-3). Evidence of matrix interferences is not obvious.

Method 8015B NM: CCV biased low for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12hour limit, therefore the data has been qualified and reported.

(CCV 880-140272/97)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140293 and analytical batch 880-140306 were outside control limits for Chloride. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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Case Narrative

Client: Carmona Resources
Project: Gaucho Spill

Job ID: 880-72062-1

Job ID: 880-72062-1 (Continued)

Eurofins Midland

The associated samples are: T-1 (0-1.0') (880-72062-1), T-1 (1.5') (880-72062-2), T-1 (2') (880-72062-3) and T-1 (3') (880-72062-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (0-1.0')

Lab Sample ID: 880-72062-1

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/08/26 13:25	05/08/26 18:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/08/26 13:25	05/08/26 18:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/08/26 13:25	05/08/26 18:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/08/26 13:25	05/08/26 18:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/08/26 13:25	05/08/26 18:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/08/26 13:25	05/08/26 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/08/26 13:25	05/08/26 18:10	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/08/26 13:25	05/08/26 18:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/08/26 18:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/08/26 13:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 13:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 13:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	05/08/26 08:01	05/08/26 13:46	1
o-Terphenyl (Surr)	84		70 - 130	05/08/26 08:01	05/08/26 13:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.5		10.0		mg/Kg			05/08/26 15:21	1

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-72062-2

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/08/26 13:25	05/08/26 18:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/08/26 13:25	05/08/26 18:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/08/26 13:25	05/08/26 18:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/08/26 13:25	05/08/26 18:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/08/26 13:25	05/08/26 18:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/08/26 13:25	05/08/26 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/08/26 13:25	05/08/26 18:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/08/26 13:25	05/08/26 18:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-72062-2

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/08/26 18:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/08/26 14:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				05/08/26 08:01	05/08/26 14:00	1
o-Terphenyl (Surr)	78		70 - 130				05/08/26 08:01	05/08/26 14:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8990		100		mg/Kg			05/08/26 15:47	10

Client Sample ID: T-1 (2')

Lab Sample ID: 880-72062-3

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/26 14:53	05/10/26 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/09/26 14:53	05/10/26 21:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/09/26 14:53	05/10/26 21:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/10/26 21:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/08/26 14:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-72062-3

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	160	S1+	70 - 130				05/08/26 08:01	05/08/26 14:14	1
o-Terphenyl (Surr)	166	S1+	70 - 130				05/08/26 08:01	05/08/26 14:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8620		100		mg/Kg			05/08/26 15:52	10

Client Sample ID: T-1 (3')

Lab Sample ID: 880-72062-4

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/26 14:53	05/10/26 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				05/09/26 14:53	05/10/26 21:48	1
1,4-Difluorobenzene (Surr)	81		70 - 130				05/09/26 14:53	05/10/26 21:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/10/26 21:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/08/26 14:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 14:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/08/26 08:01	05/08/26 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				05/08/26 08:01	05/08/26 14:29	1
o-Terphenyl (Surr)	90		70 - 130				05/08/26 08:01	05/08/26 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10400		201		mg/Kg			05/08/26 15:56	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-72062-5

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 16:43	1
Toluene	0.00263		0.00202		mg/Kg		05/08/26 11:42	05/08/26 16:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 16:43	1
m,p-Xylenes	0.00787		0.00404		mg/Kg		05/08/26 11:42	05/08/26 16:43	1
o-Xylene	0.00240		0.00202		mg/Kg		05/08/26 11:42	05/08/26 16:43	1
Xylenes, Total	0.0103		0.00404		mg/Kg		05/08/26 11:42	05/08/26 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/08/26 11:42	05/08/26 16:43	1
1,4-Difluorobenzene (Surr)	127		70 - 130	05/08/26 11:42	05/08/26 16:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0129		0.00404		mg/Kg			05/08/26 16:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/08/26 14:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	05/08/26 08:01	05/08/26 14:43	1
o-Terphenyl (Surr)	85		70 - 130	05/08/26 08:01	05/08/26 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800		101		mg/Kg			05/08/26 16:01	10

Client Sample ID: T-1 (5')

Lab Sample ID: 880-72062-6

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 17:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 17:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 17:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/08/26 11:42	05/08/26 17:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 17:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/08/26 11:42	05/08/26 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/08/26 11:42	05/08/26 17:04	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/08/26 11:42	05/08/26 17:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-72062-6

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/08/26 17:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/08/26 14:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/08/26 08:01	05/08/26 14:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/08/26 08:01	05/08/26 14:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/08/26 08:01	05/08/26 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				05/08/26 08:01	05/08/26 14:57	1
o-Terphenyl (Surr)	85		70 - 130				05/08/26 08:01	05/08/26 14:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5210		99.6		mg/Kg			05/08/26 16:16	10

Client Sample ID: T-1 (6')

Lab Sample ID: 880-72062-7

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/08/26 11:42	05/08/26 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				05/08/26 11:42	05/08/26 17:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/08/26 11:42	05/08/26 17:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/08/26 17:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/26 08:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/08/26 10:41	05/09/26 08:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/08/26 10:41	05/09/26 08:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-72062-7

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/08/26 10:41	05/09/26 08:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				05/08/26 10:41	05/09/26 08:52	1
o-Terphenyl (Surr)	83		70 - 130				05/08/26 10:41	05/09/26 08:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		49.9		mg/Kg			05/08/26 16:21	5

Client Sample ID: T-1 (7')

Lab Sample ID: 880-72062-8

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/08/26 11:42	05/08/26 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/08/26 11:42	05/08/26 17:45	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/08/26 11:42	05/08/26 17:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/08/26 17:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/26 09:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 09:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				05/08/26 10:41	05/09/26 09:37	1
o-Terphenyl (Surr)	92		70 - 130				05/08/26 10:41	05/09/26 09:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230		49.6		mg/Kg			05/08/26 16:35	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (8')

Lab Sample ID: 880-72062-9

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 18:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 18:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 18:05	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/08/26 11:42	05/08/26 18:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/08/26 11:42	05/08/26 18:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/08/26 11:42	05/08/26 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/08/26 11:42	05/08/26 18:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/08/26 11:42	05/08/26 18:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/08/26 18:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/11/26 13:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 13:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 13:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	05/08/26 11:24	05/11/26 13:07	1
o-Terphenyl (Surr)	97		70 - 130	05/08/26 11:24	05/11/26 13:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4990		100		mg/Kg			05/08/26 16:40	10

Client Sample ID: T-1 (9')

Lab Sample ID: 880-72062-10

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 18:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 18:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 18:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/08/26 11:42	05/08/26 18:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/08/26 11:42	05/08/26 18:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/08/26 11:42	05/08/26 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/08/26 11:42	05/08/26 18:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/08/26 11:42	05/08/26 18:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (9')

Lab Sample ID: 880-72062-10

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/08/26 18:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/11/26 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 11:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 11:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				05/08/26 11:24	05/11/26 11:54	1
o-Terphenyl (Surr)	96		70 - 130				05/08/26 11:24	05/11/26 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2540		49.7		mg/Kg			05/08/26 16:45	5

Client Sample ID: T-1 (10')

Lab Sample ID: 880-72062-11

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/08/26 11:42	05/08/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				05/08/26 11:42	05/08/26 18:46	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/08/26 11:42	05/08/26 18:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/08/26 18:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/11/26 12:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:38	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (10')

Lab Sample ID: 880-72062-11

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				05/08/26 11:24	05/11/26 12:38	1
o-Terphenyl (Surr)	96		70 - 130				05/08/26 11:24	05/11/26 12:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	969		9.90		mg/Kg			05/08/26 16:50	1

Client Sample ID: T-1 (11')

Lab Sample ID: 880-72062-12

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/26 14:23	05/09/26 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/09/26 14:23	05/09/26 20:23	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/09/26 14:23	05/09/26 20:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/26 20:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/11/26 12:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/08/26 11:24	05/11/26 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				05/08/26 11:24	05/11/26 12:52	1
o-Terphenyl (Surr)	98		70 - 130				05/08/26 11:24	05/11/26 12:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		9.98		mg/Kg			05/08/26 16:55	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71710-A-1-E MS	Matrix Spike	106	105
880-71710-A-1-F MSD	Matrix Spike Duplicate	95	94
880-71840-A-3-D MS	Matrix Spike	61 S1-	66 S1-
880-71840-A-3-E MSD	Matrix Spike Duplicate	91	91
880-71905-A-1-C MS	Matrix Spike	93	103
880-71905-A-1-D MSD	Matrix Spike Duplicate	92	100
880-72027-A-1-E MS	Matrix Spike	100	98
880-72027-A-1-F MSD	Matrix Spike Duplicate	104	99
880-72062-1	T-1 (0-1.0')	108	89
880-72062-2	T-1 (1.5')	109	92
880-72062-3	T-1 (2')	91	95
880-72062-4	T-1 (3')	89	81
880-72062-5	T-1 (4')	87	127
880-72062-6	T-1 (5')	94	87
880-72062-7	T-1 (6')	90	99
880-72062-8	T-1 (7')	92	98
880-72062-9	T-1 (8')	92	98
880-72062-10	T-1 (9')	91	97
880-72062-11	T-1 (10')	88	92
880-72062-12	T-1 (11')	95	111
LCS 880-139930/1-A	Lab Control Sample	92	101
LCS 880-139958/1-A	Lab Control Sample	101	95
LCS 880-140373/1-A	Lab Control Sample	104	102
LCS 880-140377/1-A	Lab Control Sample	91	102
LCSD 880-139930/2-A	Lab Control Sample Dup	91	102
LCSD 880-139958/2-A	Lab Control Sample Dup	104	96
LCSD 880-140373/2-A	Lab Control Sample Dup	103	102
LCSD 880-140377/2-A	Lab Control Sample Dup	92	103
MB 880-139930/5-A	Method Blank	107	86
MB 880-139958/5-A	Method Blank	102	91
MB 880-140373/5-A	Method Blank	105	88
MB 880-140375/5-A	Method Blank	107	93
MB 880-140377/5-A	Method Blank	104	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-72027-A-1-C MS	Matrix Spike	102	97
880-72027-A-1-D MSD	Matrix Spike Duplicate	101	98
880-72062-1	T-1 (0-1.0')	83	84
880-72062-2	T-1 (1.5')	77	78
880-72062-3	T-1 (2')	160 S1+	166 S1+
880-72062-4	T-1 (3')	87	90

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-72062-1

Project/Site: Gaucho Spill

SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-72062-5	T-1 (4')	82	85
880-72062-6	T-1 (5')	81	85
880-72062-7	T-1 (6')	107	83
880-72062-7 MS	T-1 (6')	109	97
880-72062-7 MSD	T-1 (6')	106	84
880-72062-8	T-1 (7')	109	92
880-72062-9	T-1 (8')	94	97
880-72062-10	T-1 (9')	93	96
880-72062-10 MS	T-1 (9')	104	92
880-72062-10 MSD	T-1 (9')	105	93
880-72062-11	T-1 (10')	95	96
880-72062-12	T-1 (11')	96	98
LCS 880-140262/2-A	Lab Control Sample	95	90
LCS 880-140283/2-A	Lab Control Sample	86	83
LCS 880-140288/2-A	Lab Control Sample	97	89
LCSD 880-140262/3-A	Lab Control Sample Dup	83	90
LCSD 880-140283/3-A	Lab Control Sample Dup	96	88
LCSD 880-140288/3-A	Lab Control Sample Dup	85	86
MB 880-140262/1-A	Method Blank	80	86
MB 880-140283/1-A	Method Blank	100	76
MB 880-140288/1-A	Method Blank	77	79

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139930/5-A

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139930

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:42	05/08/26 10:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:42	05/08/26 10:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:42	05/08/26 10:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/05/26 11:42	05/08/26 10:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:42	05/08/26 10:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/26 11:42	05/08/26 10:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/05/26 11:42	05/08/26 10:43	1
1,4-Difluorobenzene (Surr)	86		70 - 130	05/05/26 11:42	05/08/26 10:43	1

Lab Sample ID: LCS 880-139930/1-A

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139930

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09010		mg/Kg		90	70 - 130
Toluene	0.100	0.08650		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.09002		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1765		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08686		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-139930/2-A

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139930

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09205		mg/Kg		92	70 - 130	2	35
Toluene	0.100	0.08756		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.09046		mg/Kg		90	70 - 130	0	35
m,p-Xylenes	0.200	0.1782		mg/Kg		89	70 - 130	1	35
o-Xylene	0.100	0.08649		mg/Kg		86	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-71710-A-1-E MS

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 139930

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00704	F1	0.100	0.08057		mg/Kg		74	70 - 130
Toluene	0.165	F1 F2	0.100	0.1834	F1	mg/Kg		18	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-71710-A-1-E MS

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 139930

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.118	F1	0.100	0.1481	F1	mg/Kg		30	70 - 130
m,p-Xylenes	0.310	F1	0.200	0.3540	F1	mg/Kg		22	70 - 130
o-Xylene	0.145	F1	0.100	0.1726	F1	mg/Kg		27	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-71710-A-1-F MSD

Matrix: Solid

Analysis Batch: 140266

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 139930

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00704	F1	0.100	0.06888	F1	mg/Kg		62	70 - 130	16	35
Toluene	0.165	F1 F2	0.100	0.1252	F1 F2	mg/Kg		-40	70 - 130	38	35
Ethylbenzene	0.118	F1	0.100	0.1059	F1	mg/Kg		-12	70 - 130	33	35
m,p-Xylenes	0.310	F1	0.200	0.2580	F1	mg/Kg		-26	70 - 130	31	35
o-Xylene	0.145	F1	0.100	0.1293	F1	mg/Kg		-16	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-139958/5-A

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/05/26 13:25	05/08/26 10:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 13:25	05/08/26 10:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 13:25	05/08/26 10:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/05/26 13:25	05/08/26 10:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 13:25	05/08/26 10:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/26 13:25	05/08/26 10:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/05/26 13:25	05/08/26 10:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/05/26 13:25	05/08/26 10:26	1

Lab Sample ID: LCS 880-139958/1-A

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1112		mg/Kg		111	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.2095		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-139958/1-A

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1075		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-139958/2-A

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139958

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1121		mg/Kg		112	70 - 130	1	35
Toluene	0.100	0.1086		mg/Kg		109	70 - 130	1	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	5	35
m,p-Xylenes	0.200	0.2196		mg/Kg		110	70 - 130	5	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-72027-A-1-E MS

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 139958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1117		mg/Kg		112	70 - 130
Toluene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1070		mg/Kg		107	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2170		mg/Kg		108	70 - 130
o-Xylene	<0.00200	U	0.100	0.1065		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-72027-A-1-F MSD

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 139958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1163		mg/Kg		116	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.1117		mg/Kg		112	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1117		mg/Kg		112	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.2226		mg/Kg		111	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1124		mg/Kg		112	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-72027-A-1-F MSD

Matrix: Solid

Analysis Batch: 140267

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 139958

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-140373/5-A

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140373

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/26 14:23	05/09/26 16:57	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				05/09/26 14:23	05/09/26 16:57	1	
1,4-Difluorobenzene (Surr)	88		70 - 130				05/09/26 14:23	05/09/26 16:57	1	

Lab Sample ID: LCS 880-140373/1-A

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140373

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09419		mg/Kg		94	70 - 130			
Toluene	0.100	0.09495		mg/Kg		95	70 - 130			
Ethylbenzene	0.100	0.08834		mg/Kg		88	70 - 130			
m,p-Xylenes	0.200	0.1730		mg/Kg		86	70 - 130			
o-Xylene	0.100	0.08199		mg/Kg		82	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							
1,4-Difluorobenzene (Surr)	102		70 - 130							

Lab Sample ID: LCSD 880-140373/2-A

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140373

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09811		mg/Kg		98	70 - 130	4	35	
Toluene	0.100	0.09895		mg/Kg		99	70 - 130	4	35	
Ethylbenzene	0.100	0.08433		mg/Kg		84	70 - 130	5	35	
m,p-Xylenes	0.200	0.1706		mg/Kg		85	70 - 130	1	35	
o-Xylene	0.100	0.08143		mg/Kg		81	70 - 130	1	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-140373/2-A

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140373

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-71840-A-3-D MS

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.05448	F1	mg/Kg		54	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.05087	F1	mg/Kg		51	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.04260	F1	mg/Kg		43	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.08953	F1	mg/Kg		45	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05176	F1	mg/Kg		52	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130

Lab Sample ID: 880-71840-A-3-E MSD

Matrix: Solid

Analysis Batch: 140370

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140373

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.07558		mg/Kg		76	70 - 130	32	35
Toluene	<0.00200	U F2 F1	0.100	0.07743	F2	mg/Kg		77	70 - 130	41	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06813	F1 F2	mg/Kg		68	70 - 130	46	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1350	F1 F2	mg/Kg		67	70 - 130	40	35
o-Xylene	<0.00200	U F1	0.100	0.06123	F1	mg/Kg		61	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-140375/5-A

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:44	05/10/26 03:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:44	05/10/26 03:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:44	05/10/26 03:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/26 14:44	05/10/26 03:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:44	05/10/26 03:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/26 14:44	05/10/26 03:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/09/26 14:44	05/10/26 03:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/09/26 14:44	05/10/26 03:50	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-140377/5-A

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:53	05/10/26 14:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:53	05/10/26 14:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:53	05/10/26 14:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/26 14:53	05/10/26 14:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/26 14:53	05/10/26 14:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/26 14:53	05/10/26 14:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/09/26 14:53	05/10/26 14:46	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/09/26 14:53	05/10/26 14:46	1

Lab Sample ID: LCS 880-140377/1-A

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07751		mg/Kg		78	70 - 130
Toluene	0.100	0.07296		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07414		mg/Kg		74	70 - 130
m,p-Xylenes	0.200	0.1443		mg/Kg		72	70 - 130
o-Xylene	0.100	0.07338		mg/Kg		73	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-140377/2-A

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140377

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08025		mg/Kg		80	70 - 130	3	35
Toluene	0.100	0.07578		mg/Kg		76	70 - 130	4	35
Ethylbenzene	0.100	0.07657		mg/Kg		77	70 - 130	3	35
m,p-Xylenes	0.200	0.1495		mg/Kg		75	70 - 130	4	35
o-Xylene	0.100	0.07574		mg/Kg		76	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-71905-A-1-C MS

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07507		mg/Kg		75	70 - 130
Toluene	<0.00200	U F1	0.100	0.06882	F1	mg/Kg		69	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-71905-A-1-C MS

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06767	F1	mg/Kg		68	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1290	F1	mg/Kg		65	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06356	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-71905-A-1-D MSD

Matrix: Solid

Analysis Batch: 140372

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140377

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07303		mg/Kg		73	70 - 130	3	35
Toluene	<0.00200	U F1	0.100	0.06642	F1	mg/Kg		66	70 - 130	4	35
Ethylbenzene	<0.00200	U F1	0.100	0.06478	F1	mg/Kg		65	70 - 130	4	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1247	F1	mg/Kg		62	70 - 130	3	35
o-Xylene	<0.00200	U F1	0.100	0.06086	F1	mg/Kg		61	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-140262/1-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 05:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 05:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 08:01	05/08/26 05:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	05/08/26 08:01	05/08/26 05:01	1
o-Terphenyl (Surr)	86		70 - 130	05/08/26 08:01	05/08/26 05:01	1

Lab Sample ID: LCS 880-140262/2-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	780.8		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	794.9		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-140262/2-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140262

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-140262/3-A

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	781.2		mg/Kg		78	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	846.0		mg/Kg		85	70 - 130	6	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: 880-72027-A-1-C MS

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 140262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	735.7		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	779.0		mg/Kg		78	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 880-72027-A-1-D MSD

Matrix: Solid

Analysis Batch: 140272

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 140262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	717.8		mg/Kg		72	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	789.4		mg/Kg		79	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	98		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-140283/1-A

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 06:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 06:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 10:41	05/09/26 06:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/08/26 10:41	05/09/26 06:51	1
o-Terphenyl (Surr)	76		70 - 130				05/08/26 10:41	05/09/26 06:51	1

Lab Sample ID: LCS 880-140283/2-A

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	911.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	932.8		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	86		70 - 130				
o-Terphenyl (Surr)	83		70 - 130				

Lab Sample ID: LCSD 880-140283/3-A

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1017		mg/Kg		102	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1025		mg/Kg		103	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	96		70 - 130						
o-Terphenyl (Surr)	88		70 - 130						

Lab Sample ID: 880-72062-7 MS

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: T-1 (6')

Prep Type: Total/NA

Prep Batch: 140283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1004		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	942.1		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-72062-7 MS

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: T-1 (6')

Prep Type: Total/NA

Prep Batch: 140283

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 880-72062-7 MSD

Matrix: Solid

Analysis Batch: 140358

Client Sample ID: T-1 (6')

Prep Type: Total/NA

Prep Batch: 140283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1016		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	871.3		mg/Kg		87	70 - 130	8	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: MB 880-140288/1-A

Matrix: Solid

Analysis Batch: 140417

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/08/26 11:24	05/11/26 10:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/08/26 11:24	05/11/26 10:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/08/26 11:24	05/11/26 10:10	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	77		70 - 130	05/08/26 11:24	05/11/26 10:10	1
o-Terphenyl (Surr)	79		70 - 130	05/08/26 11:24	05/11/26 10:10	1

Lab Sample ID: LCS 880-140288/2-A

Matrix: Solid

Analysis Batch: 140417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	810.8		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	813.5		mg/Kg		81	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	89		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-140288/3-A

Matrix: Solid

Analysis Batch: 140417

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 140288

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	838.3		mg/Kg		84	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	845.2		mg/Kg		85	70 - 130	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	85		70 - 130						
o-Terphenyl (Surr)	86		70 - 130						

Lab Sample ID: 880-72062-10 MS

Matrix: Solid

Analysis Batch: 140417

Client Sample ID: T-1 (9')

Prep Type: Total/NA

Prep Batch: 140288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	811.6		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	820.8		mg/Kg		79	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	104		70 - 130								
o-Terphenyl (Surr)	92		70 - 130								

Lab Sample ID: 880-72062-10 MSD

Matrix: Solid

Analysis Batch: 140417

Client Sample ID: T-1 (9')

Prep Type: Total/NA

Prep Batch: 140288

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	820.2		mg/Kg		78	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	851.4		mg/Kg		82	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	105		70 - 130								
o-Terphenyl (Surr)	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140293/1-A

Matrix: Solid

Analysis Batch: 140306

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/08/26 14:18	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-140293/2-A

Matrix: Solid

Analysis Batch: 140306

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.2		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-140293/3-A

Matrix: Solid

Analysis Batch: 140306

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-72062-5 MS

Matrix: Solid

Analysis Batch: 140306

Client Sample ID: T-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4800		2520	7364		mg/Kg		102	90 - 110

Lab Sample ID: 880-72062-5 MSD

Matrix: Solid

Analysis Batch: 140306

Client Sample ID: T-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4800		2520	7418		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-5	T-1 (4')	Total/NA	Solid	5035	
880-72062-6	T-1 (5')	Total/NA	Solid	5035	
880-72062-7	T-1 (6')	Total/NA	Solid	5035	
880-72062-8	T-1 (7')	Total/NA	Solid	5035	
880-72062-9	T-1 (8')	Total/NA	Solid	5035	
880-72062-10	T-1 (9')	Total/NA	Solid	5035	
880-72062-11	T-1 (10')	Total/NA	Solid	5035	
MB 880-139930/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139930/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139930/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71710-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-71710-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 139958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	5035	
880-72062-2	T-1 (1.5')	Total/NA	Solid	5035	
MB 880-139958/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139958/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139958/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-72027-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-72027-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 140266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-5	T-1 (4')	Total/NA	Solid	8021B	139930
880-72062-6	T-1 (5')	Total/NA	Solid	8021B	139930
880-72062-7	T-1 (6')	Total/NA	Solid	8021B	139930
880-72062-8	T-1 (7')	Total/NA	Solid	8021B	139930
880-72062-9	T-1 (8')	Total/NA	Solid	8021B	139930
880-72062-10	T-1 (9')	Total/NA	Solid	8021B	139930
880-72062-11	T-1 (10')	Total/NA	Solid	8021B	139930
MB 880-139930/5-A	Method Blank	Total/NA	Solid	8021B	139930
LCS 880-139930/1-A	Lab Control Sample	Total/NA	Solid	8021B	139930
LCSD 880-139930/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139930
880-71710-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	139930
880-71710-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139930

Analysis Batch: 140267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	8021B	139958
880-72062-2	T-1 (1.5')	Total/NA	Solid	8021B	139958
MB 880-139958/5-A	Method Blank	Total/NA	Solid	8021B	139958
LCS 880-139958/1-A	Lab Control Sample	Total/NA	Solid	8021B	139958
LCSD 880-139958/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139958
880-72027-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	139958
880-72027-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139958

Analysis Batch: 140370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-12	T-1 (11')	Total/NA	Solid	8021B	140373

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QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 140370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140373/5-A	Method Blank	Total/NA	Solid	8021B	140373
LCS 880-140373/1-A	Lab Control Sample	Total/NA	Solid	8021B	140373
LCSD 880-140373/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140373
880-71840-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	140373
880-71840-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140373

Analysis Batch: 140372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-3	T-1 (2')	Total/NA	Solid	8021B	140377
880-72062-4	T-1 (3')	Total/NA	Solid	8021B	140377
MB 880-140375/5-A	Method Blank	Total/NA	Solid	8021B	140375
MB 880-140377/5-A	Method Blank	Total/NA	Solid	8021B	140377
LCS 880-140377/1-A	Lab Control Sample	Total/NA	Solid	8021B	140377
LCSD 880-140377/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140377
880-71905-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	140377
880-71905-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140377

Prep Batch: 140373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-12	T-1 (11')	Total/NA	Solid	5035	
MB 880-140373/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140373/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140373/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71840-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
880-71840-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 140375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-140375/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 140377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-3	T-1 (2')	Total/NA	Solid	5035	
880-72062-4	T-1 (3')	Total/NA	Solid	5035	
MB 880-140377/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140377/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140377/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71905-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71905-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 140446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-72062-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-72062-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-72062-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-72062-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-72062-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-72062-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-72062-8	T-1 (7')	Total/NA	Solid	Total BTEX	
880-72062-9	T-1 (8')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 140446 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-10	T-1 (9')	Total/NA	Solid	Total BTEX	
880-72062-11	T-1 (10')	Total/NA	Solid	Total BTEX	
880-72062-12	T-1 (11')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-72062-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-72062-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-72062-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-72062-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-72062-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
MB 880-140262/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140262/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72027-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72027-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	8015B NM	140262
880-72062-2	T-1 (1.5')	Total/NA	Solid	8015B NM	140262
880-72062-3	T-1 (2')	Total/NA	Solid	8015B NM	140262
880-72062-4	T-1 (3')	Total/NA	Solid	8015B NM	140262
880-72062-5	T-1 (4')	Total/NA	Solid	8015B NM	140262
880-72062-6	T-1 (5')	Total/NA	Solid	8015B NM	140262
MB 880-140262/1-A	Method Blank	Total/NA	Solid	8015B NM	140262
LCS 880-140262/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140262
LCSD 880-140262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140262
880-72027-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	140262
880-72027-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140262

Prep Batch: 140283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-72062-8	T-1 (7')	Total/NA	Solid	8015NM Prep	
MB 880-140283/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140283/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140283/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72062-7 MS	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-72062-7 MSD	T-1 (6')	Total/NA	Solid	8015NM Prep	

Prep Batch: 140288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-9	T-1 (8')	Total/NA	Solid	8015NM Prep	
880-72062-10	T-1 (9')	Total/NA	Solid	8015NM Prep	
880-72062-11	T-1 (10')	Total/NA	Solid	8015NM Prep	
880-72062-12	T-1 (11')	Total/NA	Solid	8015NM Prep	
MB 880-140288/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 140288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-140288/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72062-10 MS	T-1 (9')	Total/NA	Solid	8015NM Prep	
880-72062-10 MSD	T-1 (9')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-7	T-1 (6')	Total/NA	Solid	8015B NM	140283
880-72062-8	T-1 (7')	Total/NA	Solid	8015B NM	140283
MB 880-140283/1-A	Method Blank	Total/NA	Solid	8015B NM	140283
LCS 880-140283/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140283
LCSD 880-140283/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140283
880-72062-7 MS	T-1 (6')	Total/NA	Solid	8015B NM	140283
880-72062-7 MSD	T-1 (6')	Total/NA	Solid	8015B NM	140283

Analysis Batch: 140397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-72062-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-72062-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-72062-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-72062-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-72062-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-72062-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-72062-8	T-1 (7')	Total/NA	Solid	8015 NM	
880-72062-9	T-1 (8')	Total/NA	Solid	8015 NM	
880-72062-10	T-1 (9')	Total/NA	Solid	8015 NM	
880-72062-11	T-1 (10')	Total/NA	Solid	8015 NM	
880-72062-12	T-1 (11')	Total/NA	Solid	8015 NM	

Analysis Batch: 140417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-9	T-1 (8')	Total/NA	Solid	8015B NM	140288
880-72062-10	T-1 (9')	Total/NA	Solid	8015B NM	140288
880-72062-11	T-1 (10')	Total/NA	Solid	8015B NM	140288
880-72062-12	T-1 (11')	Total/NA	Solid	8015B NM	140288
MB 880-140288/1-A	Method Blank	Total/NA	Solid	8015B NM	140288
LCS 880-140288/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140288
LCSD 880-140288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140288
880-72062-10 MS	T-1 (9')	Total/NA	Solid	8015B NM	140288
880-72062-10 MSD	T-1 (9')	Total/NA	Solid	8015B NM	140288

HPLC/IC

Leach Batch: 140293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Soluble	Solid	DI Leach	
880-72062-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-72062-3	T-1 (2')	Soluble	Solid	DI Leach	
880-72062-4	T-1 (3')	Soluble	Solid	DI Leach	
880-72062-5	T-1 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 140293 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-6	T-1 (5')	Soluble	Solid	DI Leach	
880-72062-7	T-1 (6')	Soluble	Solid	DI Leach	
880-72062-8	T-1 (7')	Soluble	Solid	DI Leach	
880-72062-9	T-1 (8')	Soluble	Solid	DI Leach	
880-72062-10	T-1 (9')	Soluble	Solid	DI Leach	
880-72062-11	T-1 (10')	Soluble	Solid	DI Leach	
880-72062-12	T-1 (11')	Soluble	Solid	DI Leach	
MB 880-140293/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140293/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140293/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72062-5 MS	T-1 (4')	Soluble	Solid	DI Leach	
880-72062-5 MSD	T-1 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 140306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72062-1	T-1 (0-1.0')	Soluble	Solid	300.0	140293
880-72062-2	T-1 (1.5')	Soluble	Solid	300.0	140293
880-72062-3	T-1 (2')	Soluble	Solid	300.0	140293
880-72062-4	T-1 (3')	Soluble	Solid	300.0	140293
880-72062-5	T-1 (4')	Soluble	Solid	300.0	140293
880-72062-6	T-1 (5')	Soluble	Solid	300.0	140293
880-72062-7	T-1 (6')	Soluble	Solid	300.0	140293
880-72062-8	T-1 (7')	Soluble	Solid	300.0	140293
880-72062-9	T-1 (8')	Soluble	Solid	300.0	140293
880-72062-10	T-1 (9')	Soluble	Solid	300.0	140293
880-72062-11	T-1 (10')	Soluble	Solid	300.0	140293
880-72062-12	T-1 (11')	Soluble	Solid	300.0	140293
MB 880-140293/1-A	Method Blank	Soluble	Solid	300.0	140293
LCS 880-140293/2-A	Lab Control Sample	Soluble	Solid	300.0	140293
LCSD 880-140293/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140293
880-72062-5 MS	T-1 (4')	Soluble	Solid	300.0	140293
880-72062-5 MSD	T-1 (4')	Soluble	Solid	300.0	140293

Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (0-1.0')

Lab Sample ID: 880-72062-1

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139958	05/08/26 13:25	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140267	05/08/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/08/26 13:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 13:46	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140306	05/08/26 15:21	SMC	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-72062-2

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	139958	05/08/26 13:25	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140267	05/08/26 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 18:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/08/26 14:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 14:00	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	140306	05/08/26 15:47	SMC	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-72062-3

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	140377	05/09/26 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140372	05/10/26 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/10/26 21:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/08/26 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 14:14	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	140306	05/08/26 15:52	SMC	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-72062-4

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	140377	05/09/26 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140372	05/10/26 21:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/10/26 21:48	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-72062-4

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			140397	05/08/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 14:29	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	140306	05/08/26 15:56	SMC	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-72062-5

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 16:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 16:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/08/26 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 14:43	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	140306	05/08/26 16:01	SMC	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-72062-6

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 17:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/08/26 14:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140262	05/08/26 08:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140272	05/08/26 14:57	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	140306	05/08/26 16:16	SMC	EET MID

Client Sample ID: T-1 (6')

Lab Sample ID: 880-72062-7

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 17:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 17:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/09/26 08:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140283	05/08/26 10:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140358	05/09/26 08:52	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-72062-7

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	140306	05/08/26 16:21	SMC	EET MID

Client Sample ID: T-1 (7')

Lab Sample ID: 880-72062-8

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 17:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/09/26 09:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140283	05/08/26 10:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140358	05/09/26 09:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	140306	05/08/26 16:35	SMC	EET MID

Client Sample ID: T-1 (8')

Lab Sample ID: 880-72062-9

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 18:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/11/26 13:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140288	05/08/26 11:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140417	05/11/26 13:07	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	140306	05/08/26 16:40	SMC	EET MID

Client Sample ID: T-1 (9')

Lab Sample ID: 880-72062-10

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 18:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/11/26 11:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140288	05/08/26 11:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140417	05/11/26 11:54	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	140306	05/08/26 16:45	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (10')

Lab Sample ID: 880-72062-11

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	139930	05/08/26 11:42	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140266	05/08/26 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/08/26 18:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/11/26 12:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140288	05/08/26 11:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140417	05/11/26 12:38	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140306	05/08/26 16:50	SMC	EET MID

Client Sample ID: T-1 (11')

Lab Sample ID: 880-72062-12

Date Collected: 05/01/26 00:00

Matrix: Solid

Date Received: 05/08/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	140373	05/09/26 14:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140370	05/09/26 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140446	05/09/26 20:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			140397	05/11/26 12:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	140288	05/08/26 11:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140417	05/11/26 12:52	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140293	05/08/26 11:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140306	05/08/26 16:55	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Gaucho Spill

Job ID: 880-72062-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72062-1	T-1 (0-1.0')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-2	T-1 (1.5')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-3	T-1 (2')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-4	T-1 (3')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-5	T-1 (4')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-6	T-1 (5')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-7	T-1 (6')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-8	T-1 (7')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-9	T-1 (8')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-10	T-1 (9')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-11	T-1 (10')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico
880-72062-12	T-1 (11')	Solid	05/01/26 00:00	05/08/26 09:38	New Mexico

Chain of Custody



880-72062 Chain of Custody

Page 1 of 2

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: imcarmona@carmonaresources.com			

Project Name: Gaucho Spill		Turn Around		Pres. Code	
Project Number: 3194		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 24 HR TAT			
Sampler's Name: FV					
PO #:					

SAMPLE RECEIPT				Temp Blank:		Yes (No)		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Received Intact:				Yes (No)											
Cooler Custody Seals:				Yes (No)		N/A									
Sample Custody Seals:				Yes (No)		N/A									
Total Containers:				Yes (No)											
Sample Identification				Date		Time		Soil		Water		Grab/Comp		# of Cont	
T-1 (0-1')				5/1/2026				X				G		1	
T-1 (1.5')				5/1/2026				X				G		1	
T-1 (2')				5/1/2026				X				G		1	
T-1 (3')				5/1/2026				X				G		1	
T-1 (4')				5/1/2026				X				G		1	
T-1 (5')				5/1/2026				X				G		1	
T-1 (6')				5/1/2026				X				G		1	
T-1 (7')				5/1/2026				X				G		1	
T-1 (8')				5/1/2026				X				G		1	
T-1 (9')				5/1/2026				X				G		1	

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

Relinquished by: (Signature)		Date/Time	
<i>John V. Argue</i>			
Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		5/8/26 133	

Work Order No:

Page 2 of 2

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72062-1

SDG Number: Lea County New Mexico

Login Number: 72062

List Number: 1

Creator: Dyal, Erica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

APPENDIX F

CARMONA RESOURCES



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
Elevate- Guacho Spill

LOCATION
Eddy 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 species¹ 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 Fisheries²).

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
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover <i>Charadrius melodus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> 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 & 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).

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>

The [data](#) in this location indicates that no migratory birds of concern have been observed in this area. This does not mean [birds of concern](#) 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 what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

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:

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.

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 tubercid 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.



Elevate- Guacho Spill



June 5, 2026

Wetlands

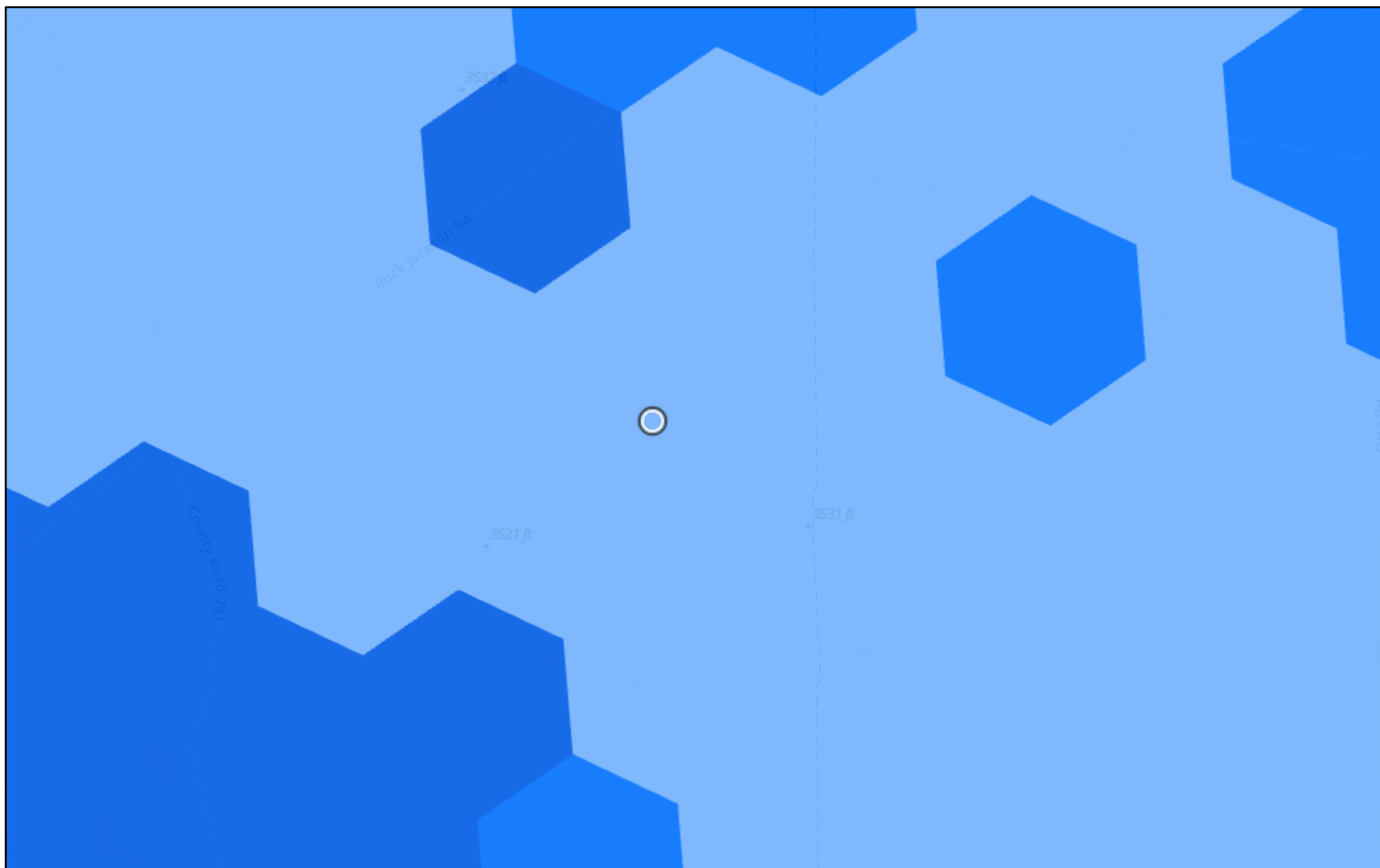
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- 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.

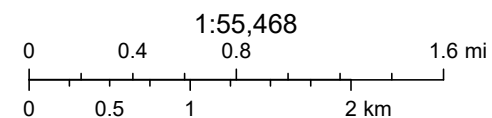
Elevate - Guacho Spill



6/5/2026

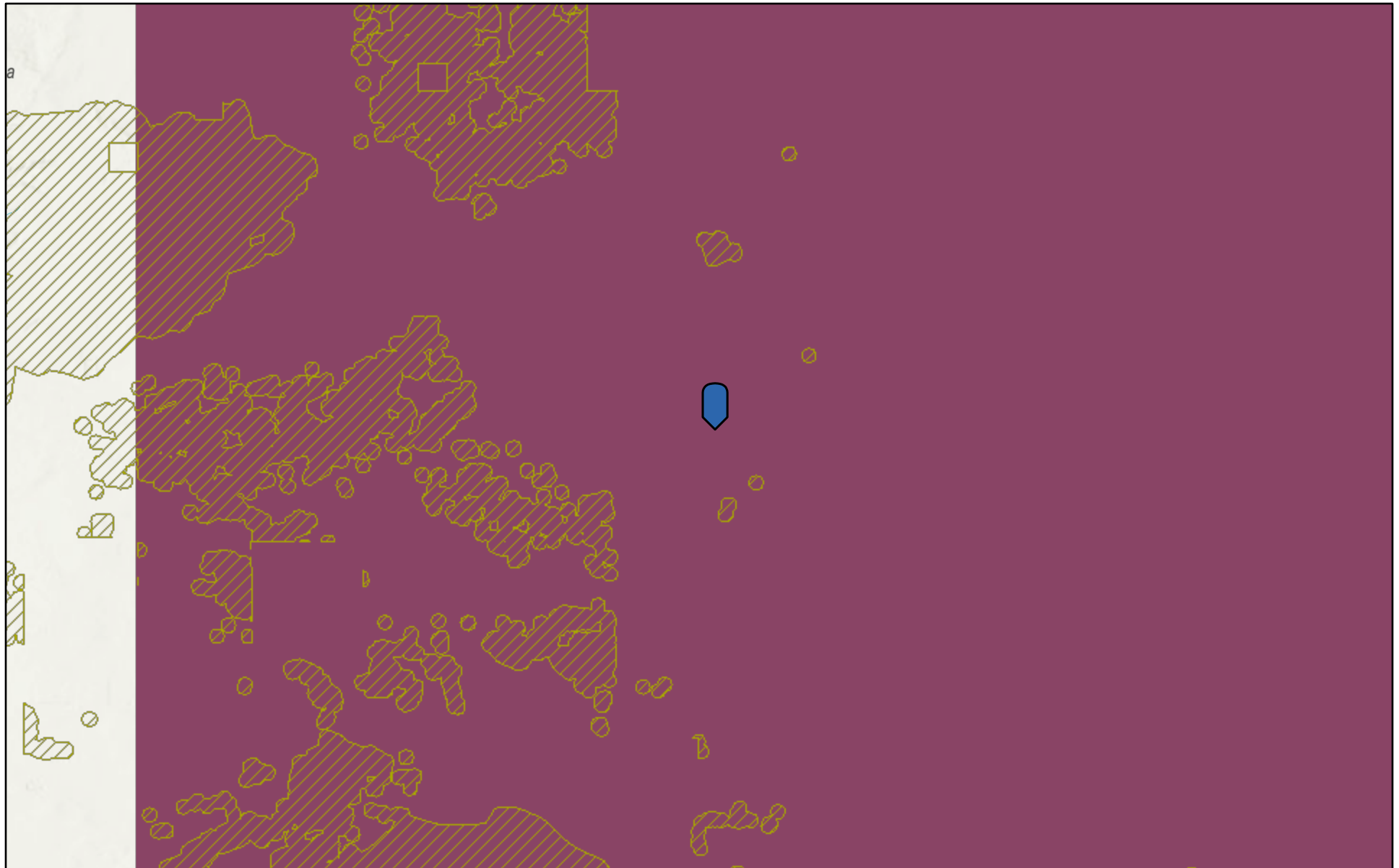
Crucial Habitat (2024)

Dark Blue	3
Medium Blue	4
Light Blue	5



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

Elevate - Guacho Spill

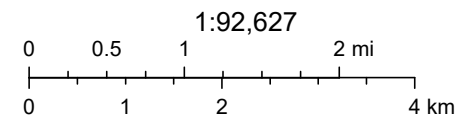


6/5/2026

Potential Habitat (Planning Area Only) Lesser Prairie Chicken Habitat

 Scheer's beehive cactus  Isolated Population Area

World_Hillshade



Bureau of Land Management - New Mexico State Office, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and

APPENDIX G

CARMONA RESOURCES





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

Soil Map—Eddy Area, New Mexico
(Elevate Guacho Spill)Natural Resources
Conservation ServiceWeb Soil Survey
National Cooperative Soil Survey6/5/2026
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(Elevate Guacho Spill)

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: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

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.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

6/5/2026
Page 2 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	0.1	100.0%
Totals for Area of Interest		0.1	100.0%

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42

Landscape: Uplands

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent

Minor components: 1 percent

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

Description of Berino

Setting

Landscape: Uplands

Landform: Fan piedmonts, Sandy plains

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand

H2 - 12 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

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

Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Elevate- Guacho Spill

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

NMSLO Seed Mix**Loamy (L)****LOAMY (L) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
Total PLS/acre		18.0	

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

VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



Sante Fe Main Office
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General Information
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Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 593490

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2607836315
Incident Name	NAPP2607836315 ELEVATE GUACHO SPILL @ D-33-22S-34E 174N 29W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Elevate Guacho Spill
Date Release Discovered	03/09/2026
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: Human Error Pipeline (Any) Produced Water Released: 7 BBL Recovered: 5 BBL Lost: 2 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)	Water transfer line damaged by human error, this allowed fluids to be released to ROW.

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QUESTIONS, Page 2

Action 593490

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: James Raley Title: EHS Professional Email: jim.raley@dnv.com Date: 06/09/2026
--	--

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QUESTIONS, Page 3

Action 593490

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 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	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/27/2026
On what date will (or did) the final sampling or liner inspection occur	07/30/2026
On what date will (or was) the remediation complete(d)	07/31/2026
What is the estimated surface area (in square feet) that will be reclaimed	1059
What is the estimated volume (in cubic yards) that will be reclaimed	525
What is the estimated surface area (in square feet) that will be remediated	1059
What is the estimated volume (in cubic yards) that will be remediated	525
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 593490

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 06/09/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 5

Action 593490

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	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>

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QUESTIONS, Page 6

Action 593490

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	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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CONDITIONS

Action 593490

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 593490
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Closure Report is Conditionally Approved. Please collect 5-point confirmation samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Off pad, all sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined, especially around equipment/pipelines. All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	6/12/2026