



SITE INFORMATION

Work Plan
Joly 16 State Com #1H
API No. 30-025-39983
Incident ID: nAPP2522652652
Lea County, New Mexico
Unit F Sec 16 T25S R34E
32.13090°, -103.47630°

Produced Water Release
Point of Release: Equipment Failure on Valve
Date of Release: 08/03/2025
Volume Released: 30 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



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

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

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Midland TX, 79701
432.813.1992



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November 7, 2025

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

Re: Work Plan
Joly 16 State Com #1H
EOG Resources Inc.
API No. 30-025-39983
NMOCD Incident ID: nAPP2522652652
Site Location: Unit F, S16, T25S, R34E
(Lat 32.13090°, Long -103.47630°)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources, Inc (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Joly 16 State Com #1H. The site is located at 32.13090°, -103.47630° within Unit F, S16, T25S, 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 August 3, 2025, due to equipment failure on a valve. It resulted in the release of thirty (30) barrels of produced water and zero (0) barrels of produced water were recovered. The release occurred on the pad and into the pasture. Refer to Figure 3. The Notification of Release form is attached in Appendix C.

Cultural and Biological Compliance:

Remediation & reclamation activities will not go beyond the previously disturbed areas designated for oil field activity. In adherence to the CPP rule, an Archaeological Survey was conducted on August 25, 2025. Even though the findings were negative, compliance with the CPP Rule will be maintained throughout remediation and reclamation activities if applicable. See Appendix F for the arch survey cover sheet. After further review, the site does fall within a biologically sensitive area for the Lesser Prairie Chicken (LPC). Therefore, as best management practices, 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. See Appendix F for further details explained in the biological desktop review.

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 no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.50 miles East of the site in S15, T25S, R34E, and was drilled in 2013. The well has a reported depth to groundwater of 174.06' below ground surface (ft bgs). The site location is more than 1,000 feet away from the nearest freshwater well or spring and does not lie within a 100-year floodplain. There are no continuously flowing watercourses that run in close proximity to the site location. The closest one would be the Pecos River, which is greater than 5 miles away. No lakebeds, sinkholes, or playa lakes are within 200 feet of the site either. There are no nearby seasonal water

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paths. Refer to Appendix D for the highlighted OSE blue lines that are approximately 1 to 5 miles away from the site. The site is not located within 300 feet of an occupied permanent residence, school, hospital, institution, or church. All domestic residential areas are located greater than 5 miles away. There are also no springs, private or domestic, that are within 500 feet of the site location. A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Soil Assessment

On October 29, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from possible release. Seven (7) sample points (S-1 through S-7) and twelve (12) horizontal samples (H-1 through H-12) were advanced to depths ranging from the surface to 5' bgs inside and surrounding the possible release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Proposed Remediation Plan

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

- The areas of S-1, S-5, and S-7 will be excavated to a depth of 3.0' below the surface. This area will be held to the most stringent closure criteria.
- The areas of S-2 and S-3 will be excavated to a depth of 2.0' below the surface. This area will be held to the most stringent closure criteria.
- The area of S-6 will be excavated to a depth of 5.0' below the surface. This area will be held to the most stringent closure criteria.
- A two (2) day work start notification, and a two (2) day confirmation sampling notification will be submitted to the NMSLO and NMOCD prior to excavation and 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.

- The material utilized for backfill will match natural soil horizons. A composite sample of the imported material will be analyzed for BTEX, TPH, and chloride to prove it is non-waste containing, per the NMOCD regulatory criteria established in 19.15.29.12 NMAC.
- An estimated 695 cubic yards will be removed and hauled to the nearest disposal based on maximum depth. Once the site activities are complete, the areas will be backfilled with clean material to surface grade.
- The remediation will be implemented after the work plan is approved by the NMSLO and the NMOCD.
- 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, EOG proposes to reclaim and reseed the area shown in Figure 5.

- No ripping will be completed to minimize disturbances across the established vegetation.
- The proposed area will be reseeded with SLO Sandy (S) 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. The surrounding topsoil will be raked onto the seed to aid the vegetation process. After seeding, the area will be watered appropriately.
- Semi-annual inspections (at a minimum) will take place at the location until the native vegetation has been properly established. The site conditions must reflect that the total percentage of plant cover is greater than 70 percent of pre-disturbance levels, excluding invasive or noxious weeds.
- If noxious weeds are identified, the NMSLO will be contacted promptly to determine an effective eradication method.
- If the site does not display signs of revegetation after one growing season, the area will be reseeded as deemed appropriate by the NMSLO.
- Reclamation activities will be implemented within 90 days after the reclamation work plan is approved by the NMSLO and NMOCD.
- Documentation of reclamation activities will be provided in the closure report within 90 days of approval.

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7.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

Conner Moehring
Environmental Manager

Stephen Reyes
Environmental Engineer

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FIGURES

CARMONA RESOURCES



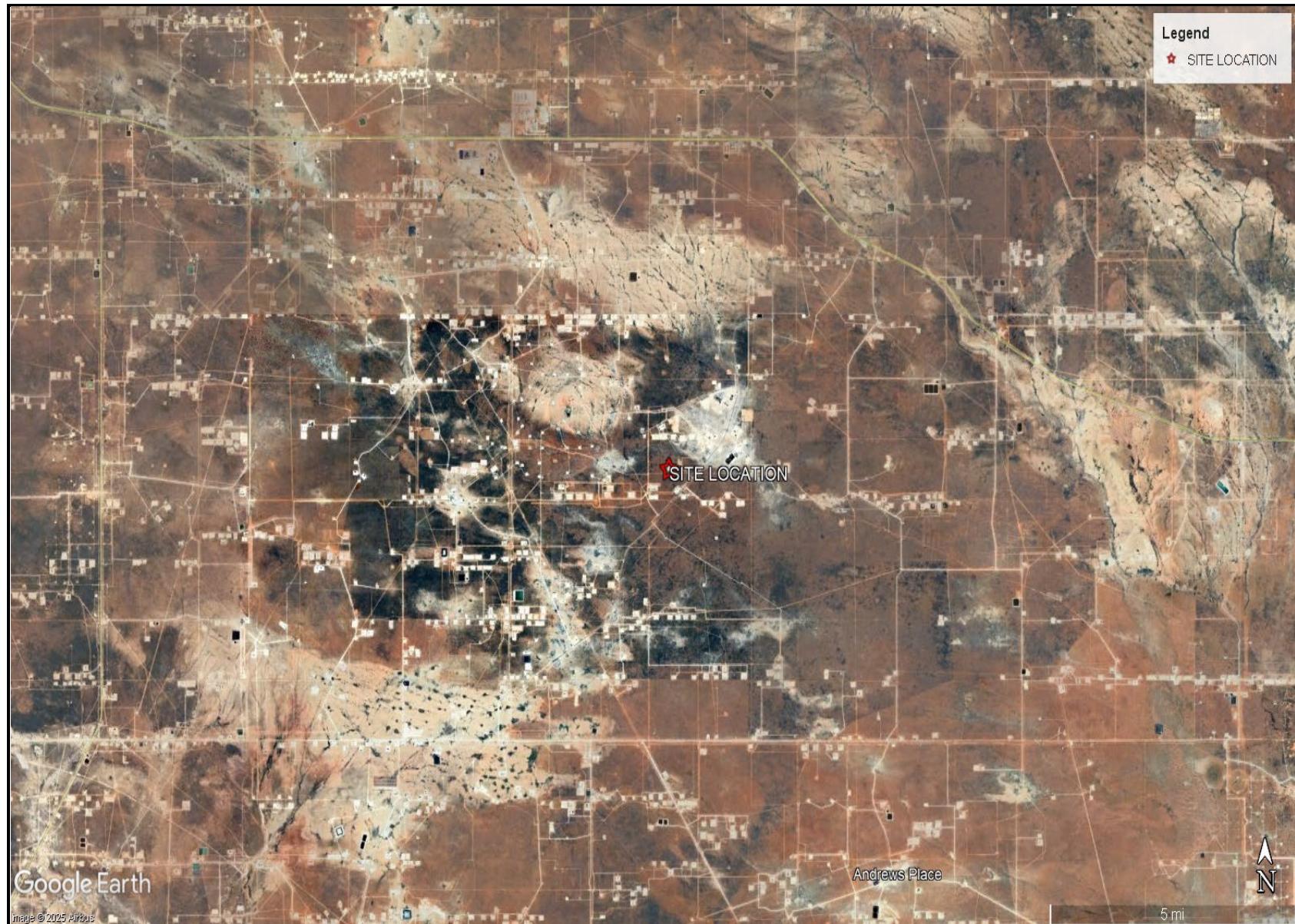
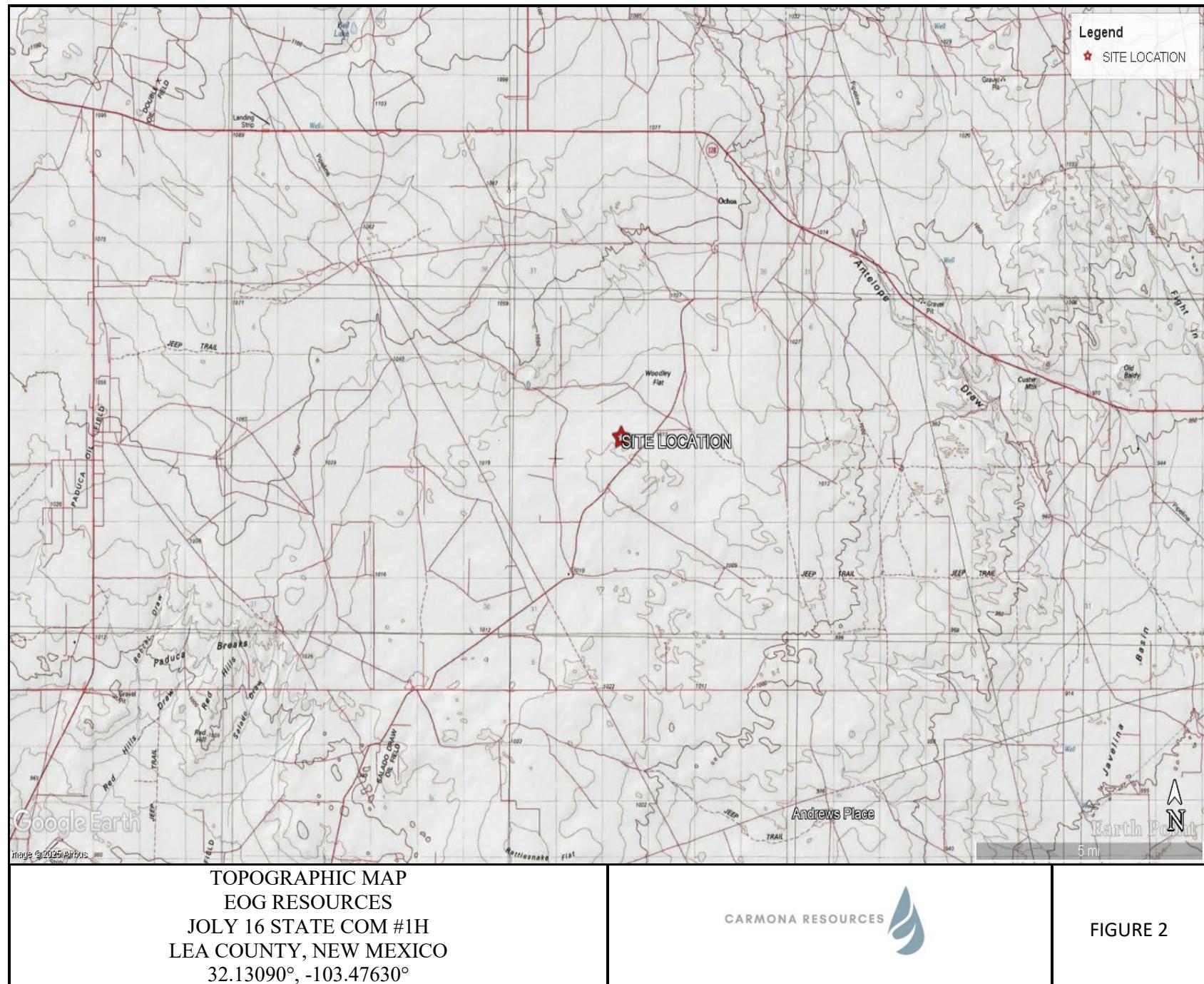
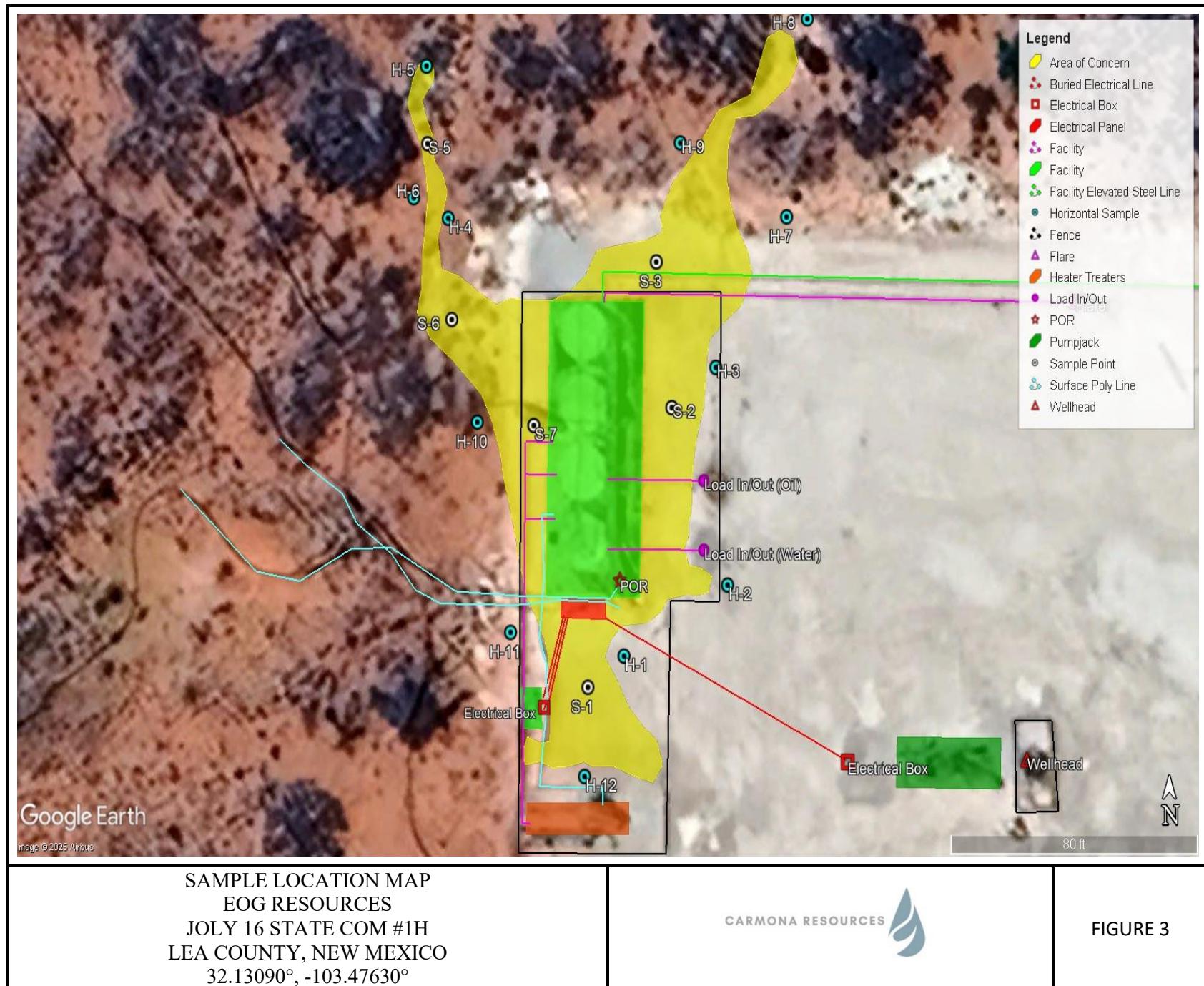
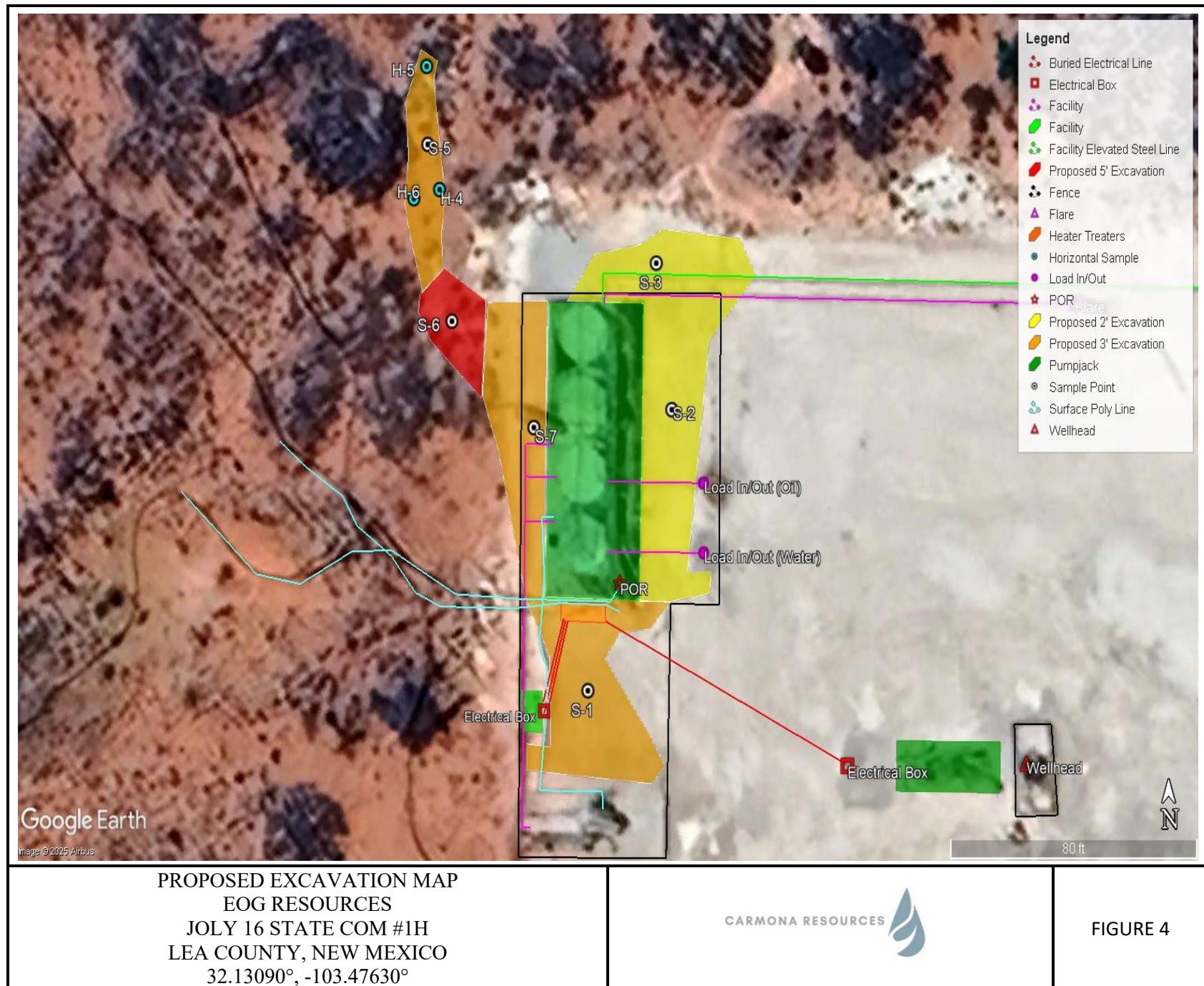


FIGURE 1









APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
July 16 State Com #1
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	10/29/2025	0-1'	<10.0	674	139	813	<0.050	<0.050	<0.050	<0.150	<0.300	2,290
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
	"	2'	<10.0	699	143	842	<0.050	<0.050	<0.050	<0.150	<0.300	1,440
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-2	10/29/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,330
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,080
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
S-3	10/29/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,360
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
S-4	10/29/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-5	10/29/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,840
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,480
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4'	<10.0	24.0	27.5	51.5	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-6	10/29/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	960
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	848
	"	5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
S-7	10/29/2025	0-1'	<10.0	44.0	13.6	58.0	<0.050	<0.050	<0.050	<0.150	<0.300	11,000
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	848
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Criteria ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

Proposed Excavation

Table 1
EOG Resources
Joly 16 State Com #1
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	10/10/2025	0-0.5'	<10.0	14.1	<10.0	14.1	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	10/10/2025	0-0.5'	<10.0	11.8	<10.0	11.8	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-3	10/10/2025	0-0.5'	<10.0	13.8	<10.0	13.8	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	10/10/2025	0-0.5'	<10.0	51.7	59.7	111.4	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-5	10/10/2025	0-0.5'	<10.0	48.3	60.5	108.8	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-6	10/10/2025	0-0.5'	<10.0	65.0	83.6	148.6	<0.050	<0.050	<0.050	<0.150	<0.300	160
H-7	10/10/2025	0-0.5'	<10.0	24.0	<10.0	24.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
H-8	10/10/2025	0-0.5'	<10.0	52.1	31.1	83.2	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
H-9	10/10/2025	0-0.5'	<10.0	52.6	34.3	86.9	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
H-10	10/10/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-11	10/10/2025	0-0.5'	<10.0	19.9	<10.0	19.9	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-12	10/10/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1**Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View North of well sign.

**Photograph No. 2****Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View Southwest, area of S-1

**Photograph No. 3****Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View South area of S-2.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4**Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View southeast, area of S-3 & S-4

Joly 16 State Com #001
13 Aug 2025, 10:46:32**Photograph No. 5****Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View Northeast area of S-5.

Joly 16 State Com #001
13 Aug 2025, 10:46:58**Photograph No. 6****Facility:** Joly 16 State Com #1H**County:** Lea County, New Mexico**Description:**

View the South area of S-6 and S-7.

Joly 16 State Com #001
13 Aug 2025, 10:49:44

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 496150

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496150
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Joly 16 State Com #1H
Date Release Discovered	08/03/2025
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	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Equipment Failure Valve Produced Water Released: 30 BBL Recovered: 0 BBL Lost: 30 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>The release was initially reported on 8/3/25 as being 11.5 bbls of Produced Water. Based on the impact measurements and saturation of soil, the volume calculated as released is 30 bbls rather than the 11.5 originally reported by field operations.</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 2

Action 496150

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496150
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

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.

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

ACKNOWLEDGMENTS

Action 496150

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496150
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 496150

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496150
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
csettle	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/14/2025

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill: Joly 16 State Com #1

Date of Spill: 08/03/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

Input Data:

OIL: 0.0000 BBL WATER: 0.0000 BBL

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	58 ft X	8 ft X	5.00 in	0%	Rectangle Area #1	0 ft X	0 ft X	0 in	0%
Rectangle Area #2	65 ft X	8 ft X	5.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3	80 ft X	18 ft X	2.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%
Rectangle Area #4	50 ft X	15 ft X	2.00 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%
Rectangle Area #5	48 ft X	30 ft X	2.00 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	78 ft X	15 ft X	2.00 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil BBL 0 BBL Water BBL

Did leak occur before the separator?: YES N/A (place an "X")

Amount of Free Liquid Recovered: 0 BBL okay Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.14 gal per gal Use the following when the spill wets the grains of the soil.
 * sand = .08 gallon liquid per gallon volume of soil.
 * gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.
 * sandy clay loam soil = .14 gallon liquid per gallon volume of soil.
 * clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:
 Occurs when the spill soaked soil is contained by barriers, natural (or not).
 * gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.
 * sandy loam = .5 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:			Free Liquid Volume Calculations:		
Total Solid/Liquid Volume:	H2O	OIL	cu. ft.	cu. ft.	cu. ft.
Estimated Volumes Spilled					
Liquid in Soil:	30.2 BBL	0.0 BBL			
Free Liquid:	0.0 BBL	0.0 BBL			
Totals:	30.169 BBL	0.000 BBL			
Estimated Production Volumes Lost					
Total Liquid Spill Liquid:	30.169 BBL	0.000 BBL		0.000000 BBL	0.000000 BBL
Estimated Surface Damage					
Surface Area:	5.784	sq. ft.			
Surface Area:	.1328	acre			
Recovered Volumes					
Estimated oil recovered:	0.0 BBL	check - okay			
Estimated water recovered:	0.0 BBL	check - okay			
Estimated Weights, and Volumes					
Saturated Soil =	135,520	lbs	1,210	cu.ft.	45 cu.yds.
Total Liquid =	30	BBL	1,267.11	gallon	10,542 lbs

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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

Action 496157

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496157
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2522652652
Incident Name	NAPP2522652652 JOLY 16 STATE COM #1H @ 30-025-39983
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-39983] JOLY 16 STATE COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Joly 16 State Com #1H
Date Release Discovered	08/03/2025
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	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Equipment Failure Valve Produced Water Released: 30 BBL Recovered: 0 BBL Lost: 30 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>Yes</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>The release was initially reported on 8/3/25 as being 11.5 bbls of Produced Water. Based on the impact measurements and saturation of soil, the volume calculated as released is 30 bbls rather than the 11.5 originally reported by field operations.</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 2

Action 496157

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496157
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

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

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Chase Settle Title: Safety & Environmental Rep II Email: chase_settle@eogresources.com Date: 08/14/2025
--	--

Sante Fe Main Office
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 496157

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496157
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	<i>Not answered.</i>
What method was used to determine the depth to ground water	<i>Not answered.</i>
Did this release impact groundwater or surface water	<i>Not answered.</i>
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	<i>Not answered.</i>
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	<i>Not answered.</i>
An occupied permanent residence, school, hospital, institution, or church	<i>Not answered.</i>
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	<i>Not answered.</i>
Any other fresh water well or spring	<i>Not answered.</i>
Incorporated municipal boundaries or a defined municipal fresh water well field	<i>Not answered.</i>
A wetland	<i>Not answered.</i>
A subsurface mine	<i>Not answered.</i>
An (non-karst) unstable area	<i>Not answered.</i>
Categorize the risk of this well / site being in a karst geology	<i>Not answered.</i>
A 100-year floodplain	<i>Not answered.</i>
Did the release impact areas not on an exploration, development, production, or storage site	<i>Not answered.</i>

Remediation Plan

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

Requesting a remediation plan approval with this submission	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>	

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State of New Mexico
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1220 S. St Francis Dr.
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CONDITIONS

Action 496157

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 496157
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	8/15/2025

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

EOG RESOURCES INC

Legend

- 0.50 Mile Radius
- 1.50 Mile Radius
- Joly 16 State Com #1H (08.03.2025)
- USGS Water Well



Legend

- Joly 16 State Com #1H (08.03.2025)
- Low

● Joly 16 State Com #1H (08.03.2025)



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
C 02315		CUB	LE	NE	SE	NE	15	25S	34E	646094.9	3556194.5	●	2377	175	135	40
C 02314		CUB	LE	NE	SE	NE	15	25S	34E	646116.1	3556179.4	●	2397	175	135	40

Average Depth to Water: **135 feet**Minimum Depth: **135 feet**Maximum Depth: **135 feet****Record Count:** 2**UTM Filters (in meters):****Easting:** 643728.00**Northing:** 3555966.00**Radius:** 4000

* 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.



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =
• 320738103270501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload**USGS 320738103270501 25S.34E.15.24234**

Lea County, New Mexico

Latitude 32°07'57.1", Longitude 103°27'02.4" NAD83

Land-surface elevation 3,345.00 feet above NGVD29

This well is completed in the Other aquifers (N99990THER) national aquifer.

This well is completed in the Ogallala Formation (1210GGL) local aquifer.

Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-07-23		D	62610		3180.06	NGVD29	P	Z			A
1954-07-23		D	62611		3181.62	NAVD88	P	Z			A
1954-07-23		D	72019	164.94			P	Z			A
1970-12-08		D	62610		3181.78	NGVD29	P	Z			A
1970-12-08		D	62611		3183.34	NAVD88	P	Z			A
1970-12-08		D	72019	163.22			P	Z			A
1976-01-15		D	62610		3179.20	NGVD29	1	Z			A
1976-01-15		D	62611		3180.76	NAVD88	1	Z			A
1976-01-15		D	72019	165.80			1	Z			A
1981-03-25		D	62610		3182.20	NGVD29	1	Z			A
1981-03-25		D	62611		3183.76	NAVD88	1	Z			A
1981-03-25		D	72019	162.80			1	Z			A
1986-03-12		D	62610		3184.76	NGVD29	1	Z			A
1986-03-12		D	62611		3186.32	NAVD88	1	Z			A
1986-03-12		D	72019	160.24			1	Z			A
1991-06-05		D	62610		3179.90	NGVD29	1	Z			A
1991-06-05		D	62611		3181.46	NAVD88	1	Z			A
1991-06-05		D	72019	165.10			1	Z			A
2013-01-16 21:30 UTC		m	62610		3170.94	NGVD29	P	S	USGS	S	A
2013-01-16 21:30 UTC		m	62611		3172.50	NAVD88	P	S	USGS	S	A
2013-01-16 21:30 UTC		m	72019	174.06			P	S	USGS	S	A

Explanation

Section	Code	Description

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

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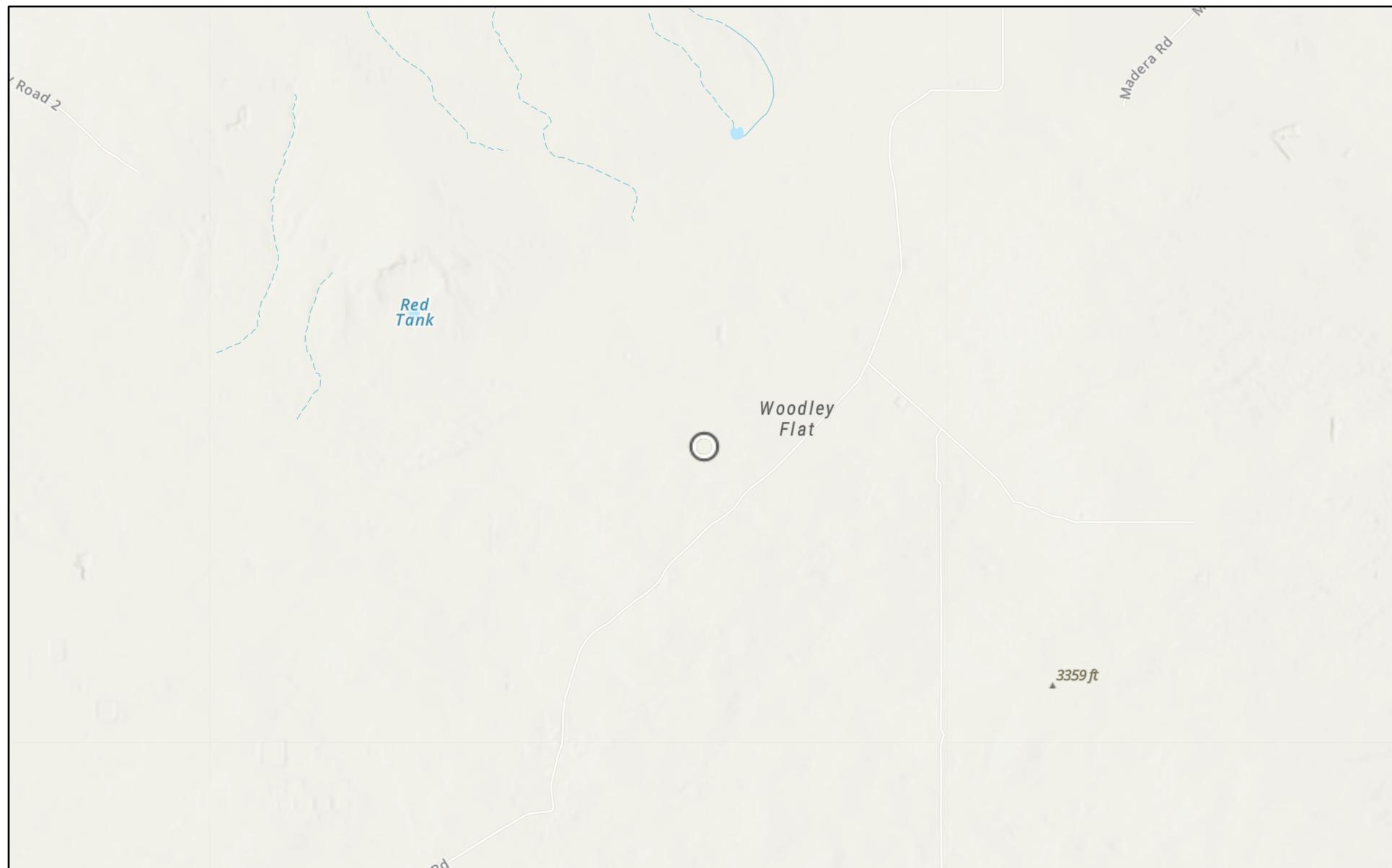
Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-08-15 09:03:00 EDT

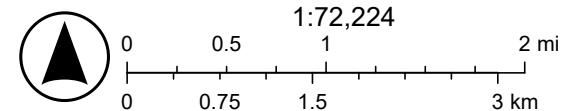
0.37 0.3 nadww01

Joly 16 State Com #1H (08.03.2025)



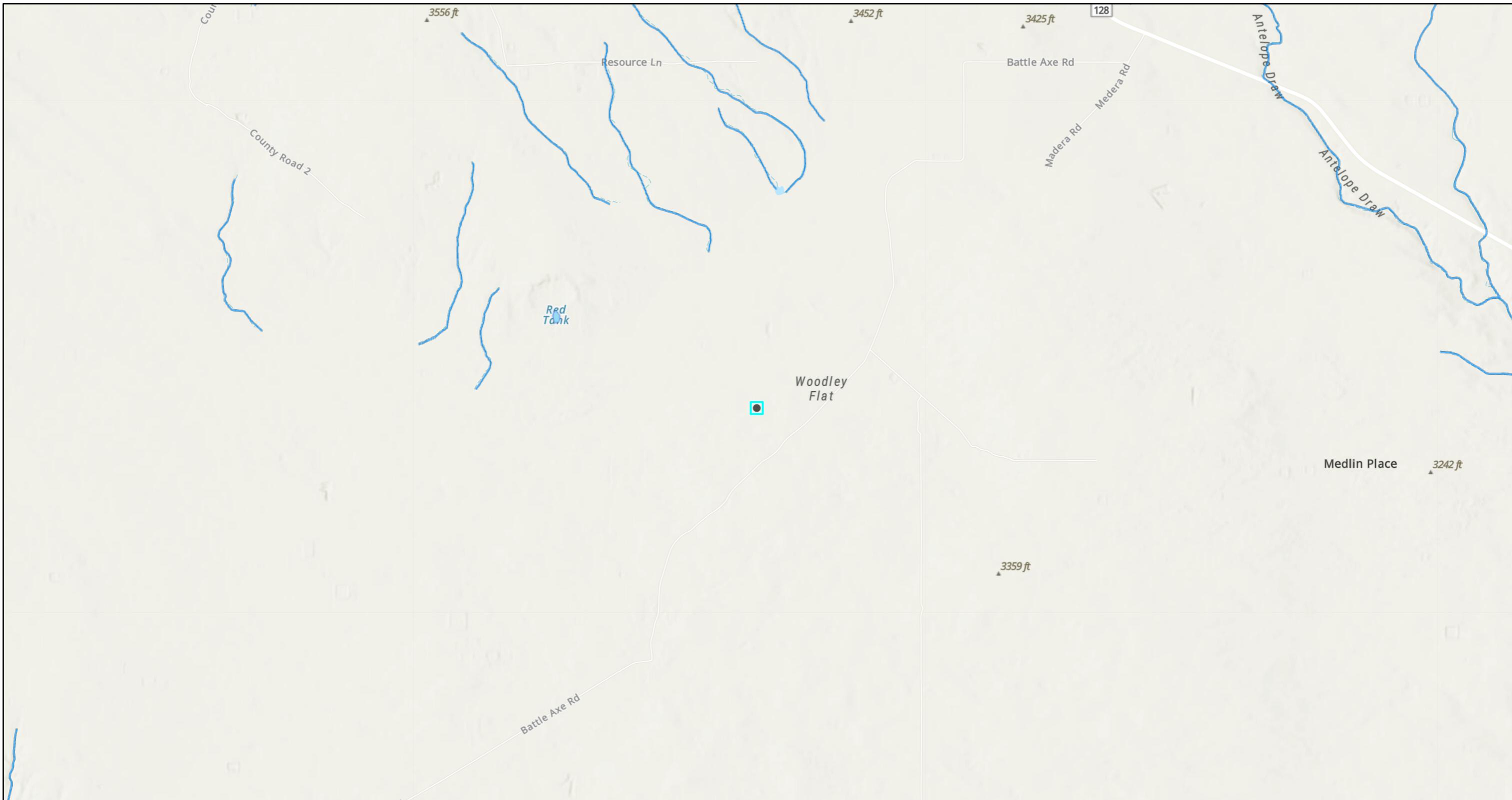
8/15/2025

World_Hillshade



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

Joly 16 State Com #1H (08.03.2025)



8/15/2025, 7:59:25 AM

1:72,224

- OSW Water Bodys
- OSE Streams

0 0.75 1.5 3 mi
0 1.25 2.5 5 km

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

APPENDIX E

CARMONA RESOURCES





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

October 20, 2025

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

RE: JOLY 16 STATE COM #1

Enclosed are the results of analyses for samples received by the laboratory on 10/15/25 9:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 1 (0-0.5') (H256468-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		32.0	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	219	110	200	1.93	
DRO >C10-C28*		14.1	10.0	10/16/2025	ND	189	94.4	200	3.56	
EXT DRO >C28-C36		<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 71.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 2 (0-0.5) (H256468-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		64.0	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	219	110	200	1.93	
DRO >C10-C28*		11.8	10.0	10/16/2025	ND	189	94.4	200	3.56	
EXT DRO >C28-C36		<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.6 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 3 (0-0.5) (H256468-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	219	110	200	1.93		
DRO >C10-C28*	13.8	10.0	10/16/2025	ND	189	94.4	200	3.56		
EXT DRO >C28-C36	<10.0	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 82.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.1 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 4 (0-0.5) (H256468-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		176	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	219	110	200	1.93	
DRO >C10-C28*		51.7	10.0	10/16/2025	ND	189	94.4	200	3.56	
EXT DRO >C28-C36		59.7	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.8 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 5 (0-0.5) (H256468-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	219	110	200	1.93		
DRO >C10-C28*	48.3	10.0	10/16/2025	ND	189	94.4	200	3.56		
EXT DRO >C28-C36	60.5	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 89.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.7 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 6 (0-0.5) (H256468-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	219	110	200	1.93		
DRO >C10-C28*	65.0	10.0	10/16/2025	ND	189	94.4	200	3.56		
EXT DRO >C28-C36	83.6	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 7 (0-0.5) (H256468-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63		
DRO >C10-C28*	24.0	10.0	10/16/2025	ND	171	85.4	200	2.47		
EXT DRO >C28-C36	<10.0	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 73.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.6 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 8 (0-0.5) (H256468-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		80.0	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63	
DRO >C10-C28*		52.1	10.0	10/16/2025	ND	171	85.4	200	2.47	
EXT DRO >C28-C36		31.1	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 70.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.4 % 39.9-141

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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 9 (0-0.5) (H256468-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63		
DRO >C10-C28*	52.6	10.0	10/16/2025	ND	171	85.4	200	2.47		
EXT DRO >C28-C36	34.3	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 68.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.1 % 39.9-141

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Analytical Results For:

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

Received:	10/15/2025	Sampling Date:	10/10/2025
Reported:	10/20/2025	Sampling Type:	Soil
Project Name:	JOLY 16 STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	2834	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 10 (0-0.5') (H256468-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225		
Toluene*	<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610		
Ethylbenzene*	<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732		
Total Xylenes*	<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208		
Total BTEX	<0.300	0.300	10/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/16/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63		
DRO >C10-C28*	<10.0	10.0	10/16/2025	ND	171	85.4	200	2.47		
EXT DRO >C28-C36	<10.0	10.0	10/16/2025	ND						

Surrogate: 1-Chlorooctane 65.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 11 (0-0.5') (H256468-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		48.0	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63	
DRO >C10-C28*		19.9	10.0	10/16/2025	ND	171	85.4	200	2.47	
EXT DRO >C28-C36		<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 63.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/15/2025 Sampling Date: 10/10/2025
 Reported: 10/20/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: H - 12 (0-0.5') (H256468-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	10/17/2025	ND	2.15	107	2.00	0.225	
Toluene*		<0.050	0.050	10/17/2025	ND	2.15	108	2.00	0.610	
Ethylbenzene*		<0.050	0.050	10/17/2025	ND	2.18	109	2.00	0.0732	
Total Xylenes*		<0.150	0.150	10/17/2025	ND	6.46	108	6.00	0.208	
Total BTEX		<0.300	0.300	10/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		32.0	16.0	10/16/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	10/16/2025	ND	172	85.8	200	2.63	
DRO >C10-C28*		<10.0	10.0	10/16/2025	ND	171	85.4	200	2.47	
EXT DRO >C28-C36		<10.0	10.0	10/16/2025	ND					

Surrogate: 1-Chlorooctane 70.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.3 % 39.9-141

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Notes and Definitions

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

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moenning / Cmoenning@carmonaresources.com



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

November 06, 2025

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

RE: JOLY 16 STATE COM #1

Enclosed are the results of analyses for samples received by the laboratory on 11/04/25 13:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 1 (0-1') (H256959-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2290	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	190	95.2	200	4.72		
DRO >C10-C28*	674	10.0	11/05/2025	ND	209	105	200	5.64		
EXT DRO >C28-C36	139	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 91.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 1 (1.5') (H256959-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	190	95.2	200	4.72		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	209	105	200	5.64		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 93.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.1 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 1 (2') (H256959-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	190	95.2	200	4.72		
DRO >C10-C28*	699	10.0	11/05/2025	ND	209	105	200	5.64		
EXT DRO >C28-C36	143	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 98.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 1 (3') (H256959-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	190	95.2	200	4.72		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	209	105	200	5.64		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 97.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 1 (4') (H256959-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 2 (0-1') (H256959-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 92.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 2 (1.5') (H256959-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 100 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 2 (2') (H256959-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 110 % 52.4-130

Surrogate: 1-Chlorooctadecane 112 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 2 (3') (H256959-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 113 % 52.4-130

Surrogate: 1-Chlorooctadecane 115 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 2 (4') (H256959-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.70	84.9	2.00	5.61		
Toluene*	<0.050	0.050	11/05/2025	ND	1.75	87.4	2.00	7.96		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.75	87.5	2.00	9.22		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.60	93.3	6.00	9.19		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 115 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 3 (0-1') (H256959-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57	QM-07	
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4360	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 91.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.7 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 3 (1.5') (H256959-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 98.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.6 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 3 (2') (H256959-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 99.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 3 (3') (H256959-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 100 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 3 (4') (H256959-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 99.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 4 (0-1') (H256959-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57	
Toluene*		<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6	
Ethylbenzene*		<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2	
Total Xylenes*		<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9	
Total BTEX		<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		48.0	16.0	11/05/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532	
DRO >C10-C28*		<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870	
EXT DRO >C28-C36		<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 4 (1.5') (H256959-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 4 (2') (H256959-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 104 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 4 (3') (H256959-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 4 (4') (H256959-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 128 % 52.4-130

Surrogate: 1-Chlorooctadecane 128 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 5 (0-1') (H256959-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	11/05/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 92.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.1 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 5 (1.5') (H256959-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	11/05/2025	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 5 (2') (H256959-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 89.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 5 (3') (H256959-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	192	95.9	200	0.532		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	198	98.8	200	0.0870		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 98.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 5 (4') (H256959-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	24.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	27.5	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (0-1') (H256959-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	11/05/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 112 % 52.4-130

Surrogate: 1-Chlorooctadecane 105 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (1.5') (H256959-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57	
Toluene*		<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6	
Ethylbenzene*		<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2	
Total Xylenes*		<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9	
Total BTEX		<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		48.0	16.0	11/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*		<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36		<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.8 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (2') (H256959-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/05/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 116 % 52.4-130

Surrogate: 1-Chlorooctadecane 110 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (3') (H256959-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 119 % 52.4-130

Surrogate: 1-Chlorooctadecane 111 % 39.9-141

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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (4') (H256959-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.91	95.7	2.00	7.57		
Toluene*	<0.050	0.050	11/05/2025	ND	1.79	89.6	2.00	10.6		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.90	94.9	2.00	12.2		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.89	98.2	6.00	11.9		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 114 % 52.4-130

Surrogate: 1-Chlorooctadecane 108 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 7 (0-1') (H256959-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*		<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994	
Toluene*		<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590	
Ethylbenzene*		<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235	
Total Xylenes*		<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114	
Total BTEX		<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		11000	16.0	11/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*		<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*		44.4	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36		13.6	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 7 (1.5') (H256959-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994		
Toluene*	<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/04/2025	Sampling Date:	10/29/2025
Reported:	11/06/2025	Sampling Type:	Soil
Project Name:	JOLY 16 STATE COM #1	Sampling Condition:	Cool & Intact
Project Number:	2834	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: S - 7 (2') (H256959-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994		
Toluene*	<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 103 % 52.4-130

Surrogate: 1-Chlorooctadecane 97.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 7 (3') (H256959-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994		
Toluene*	<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 7 (4') (H256959-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994		
Toluene*	<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/04/2025 Sampling Date: 10/29/2025
 Reported: 11/06/2025 Sampling Type: Soil
 Project Name: JOLY 16 STATE COM #1 Sampling Condition: Cool & Intact
 Project Number: 2834 Sample Received By: Alyssa Parras
 Project Location: EOG-LEA COUNTY, NM

Sample ID: S - 6 (5') (H256959-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	2.04	102	2.00	0.994		
Toluene*	<0.050	0.050	11/05/2025	ND	2.07	103	2.00	0.590		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	2.05	103	2.00	0.235		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	6.16	103	6.00	0.114		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/05/2025	ND	432	108	400	0.00		
TPH 8015M										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 135100

9 of 42

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

Work Order Comments		Page <u>1</u> of <u>4</u>
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRRC <input type="checkbox"/> Superfund <input type="checkbox"/>		
State of Project:		
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PUST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>		
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____		

ANALYSIS REQUEST							Preservative Codes		
Project Name:	Joly 16 State Com #1		Turn Around				None: NO	DI Water: H ₂ O	
Project Number:	2834		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code		Cool: Cool	MeOH: Me	
Project Location:	Lea County, NM		Due Date:		72 HR TAT		HCl: HC	HNO ₃ : HN	
Sampler's Name:	JM						H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:							H ₃ PO ₄ : HP		
SAMPLE RECEIPT	Temp Blank: <input checked="" type="radio"/> Yes <input type="radio"/> No		Wet Ice: <input checked="" type="radio"/> Yes <input type="radio"/> No		Thermometer ID: <i>#1140</i>		NaHSO ₄ : NABIS		
Received Intact:					Correction Factor: <i>TQ.3</i>		Na ₂ SiO ₃ : NaSO ₃		
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/> N/A		Temperature Reading: <i>28.5</i>		Corrected Temperature: <i>3.1</i>		Zn Acetate+NaOH: Zn		
Sample Custody Seals:							NaOH+Ascorbic Acid: SACP		
Total Containers:									
Sample Identification			Date	Time	Soil	Water	Grab/ Comp	# of Cont	Sample Comments
S-1 (0-1')			10/29/2025		X	Grab	1	X	
S-1 (1.5')			10/29/2025		X	Grab	1	X	
S-1 (2')			10/29/2025		X	Grab	1	X	
S-1 (3')			10/29/2025		X	Grab	1	X	
S-1 (4')			10/29/2025		X	Grab	1	X	
S-2 (0-1')			10/29/2025		X	Grab	1	X	
S-2 (1.5')			10/29/2025		X	Grab	1	X	
S-2 (2')			10/29/2025		X	Grab	1	X	
S-2 (3')			10/29/2025		X	Grab	1	X	
S-2 (4')			10/29/2025		X	Grab	1	X	
Comments: Email to Mike Carmona / Mcarmoma@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com									
Relinquished by: (Signature)			Date/Time		Received by: (Signature)			Date/Time	
<i>Conner Moehring</i>			11/4/25		<i>Mike Carmona</i>			11/4/25	

Project Location	Lea County, NM			Due Date:	72 HR TAT	
Sampler's Name:	JM			PO #:		
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Wet/Ice:	Yes <input checked="" type="radio"/>	No <input type="radio"/>
Received Intact:	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Thermometer ID:	#140		
Cooler Custody Seals:	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Correction Factor:	TO -3.2		
Sample Custody Seals:	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Temperature Reading:	2.85		
Total Containers:				Corrected Temperature: 3.12		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
S-1 (0-1')	10/29/2025		X		Grab	1
S-1 (1.5')	10/29/2025		X		Grab	1
S-1 (2')	10/29/2025		X		Grab	1
S-1 (3')	10/29/2025		X		Grab	1
S-1 (4')	10/29/2025		X		Grab	1
S-2 (0-1')	10/29/2025		X		Grab	1
S-2 (1.5')	10/29/2025		X		Grab	1
S-2 (2')	10/29/2025		X		Grab	1
S-2 (3')	10/29/2025		X		Grab	1
S-2 (4')	10/29/2025		X		Grab	1

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Received by OCD: 1/6/2026 4:40:01 PM

Released to Imaging: 1/16/2026 1:41:21 PM

Chain of Custody

Work Order No: W250059

Page 40 of 42

Page 93 of 125

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 700	Address:	5509 Charon Dr
City/ State ZIP:	Midland, TX 79701	City/ State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd.Wells@eogresources.com

ANALYSIS REQUEST		Preservative Codes	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler/Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	<u>#1140</u>
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	<u>TQ.B1</u>
Total Containers:		Temperature Reading:	<u>2.8</u>
		Corrected Temperature:	<u>3.1</u>

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters									
					Pres. Code									
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Cooler/Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Total Containers:														

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Sample Comments
S-3 (0-1')	10/29/2025		X		Grab	1	X X X
S-3 (1.5')	10/29/2025		X		Grab	1	X X X
S-3 (2')	10/29/2025		X		Grab	1	X X X
S-3 (3')	10/29/2025		X		Grab	1	X X X
S-3 (4')	10/29/2025		X		Grab	1	X X X
S-4 (0-1')	10/29/2025		X		Grab	1	X X X
S-4 (1.5')	10/29/2025		X		Grab	1	X X X
S-4 (2')	10/29/2025		X		Grab	1	X X X
S-4 (3')	10/29/2025		X		Grab	1	X X X
S-4 (4')	10/29/2025		X		Grab	1	X X X

Received by OCD: 1/16/2026 4:40:01 PM

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11/4/25	<i>aparao</i>	11-4-25/1344

Chain of Custody

Work Order No: H270059

Page 3 of 4

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

Program: US/PS/ST	<input type="checkbox"/>	PRP	<input type="checkbox"/>	Brownfields	<input type="checkbox"/>	RRC	<input type="checkbox"/>	Superfund	<input type="checkbox"/>
State of Project:									
Reporting Level:	<input type="checkbox"/> II	<input type="checkbox"/> Level III	<input type="checkbox"/> PS/ST/ST	<input type="checkbox"/> RRP	<input type="checkbox"/>	Level IV	<input type="checkbox"/>		
Deliverables:	<input type="checkbox"/> EDD	<input type="checkbox"/>	<input type="checkbox"/> ADaPT	<input type="checkbox"/>					

Project Name:	Joly 16 State Com #1	Turn Around		ANALYSIS REQUEST	Preservative Codes
Project Number:	2834	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		
Project Location	Lea County, NM	Due Date:	72 HR TAT		
Sampler's Name:	JM	Pres. Code:			
PO #:					

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	None: NO	DI Water: H ₂ O
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1110			Cool: Cool	MeOH: Me
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	+0.3°			HCl: HC	HNO ₃ : HN
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	8.8°			H ₂ SO ₄ : H ₂	NaOH: Na
Total Containers:		Corrected Temperature:	3.1°			H ₃ PO ₄ : HP	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
S-5 (0-1')	10/29/2025		X		Grab	1	X X X
S-5 (1.5')	10/29/2025		X		Grab	1	X X X
S-5 (2')	10/29/2025		X		Grab	1	X X X
S-5 (3')	10/29/2025		X		Grab	1	X X X
S-5 (4')	10/29/2025		X		Grab	1	X X X
S-6 (0-1')	10/29/2025		X		Grab	1	X X X
S-6 (1.5')	10/29/2025		X		Grab	1	X X X
S-6 (2')	10/29/2025		X		Grab	1	X X X
S-6 (3')	10/29/2025		X		Grab	1	X X X
S-6 (4')	10/29/2025		X		Grab	1	X X X

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11-4-25	<i>Oppen</i>	11-4-25/1344

APPENDIX F

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

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

IPaC resource list

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

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

Project information

NAME

Joly 16 State Com #1H

LOCATION

Lea County, New Mexico

**DESCRIPTION**

None

Local office

New Mexico Ecological Services Field Office

📞 (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

NOT FOR CONSULTATION

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
Lesser Prairie-chicken <i>Tympanuchus pallidicinctus</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1924	Endangered
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

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.



National Wetlands Inventory

Joly 16 State Com #1H



August 19, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

Joly 16 State Com #1H



August 19, 2025

CHAT_Fullupdate2024_revised_20240514

5

4

1:12,583

0 0.07 0.15 0.3 mi
0 0.13 0.25 0.5 km

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

Joly 16 State Com #1H



8/18/2025

Lesser Prairie Chicken Habitat

Low Resolution 15m Imagery

Citations

 Isolated Population Area

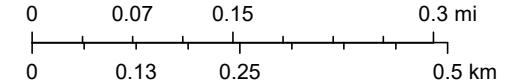
High Resolution 60cm Imagery

2.4m Resolution Metadata

World Imagery

High Resolution 30cm Imagery

1:10,732

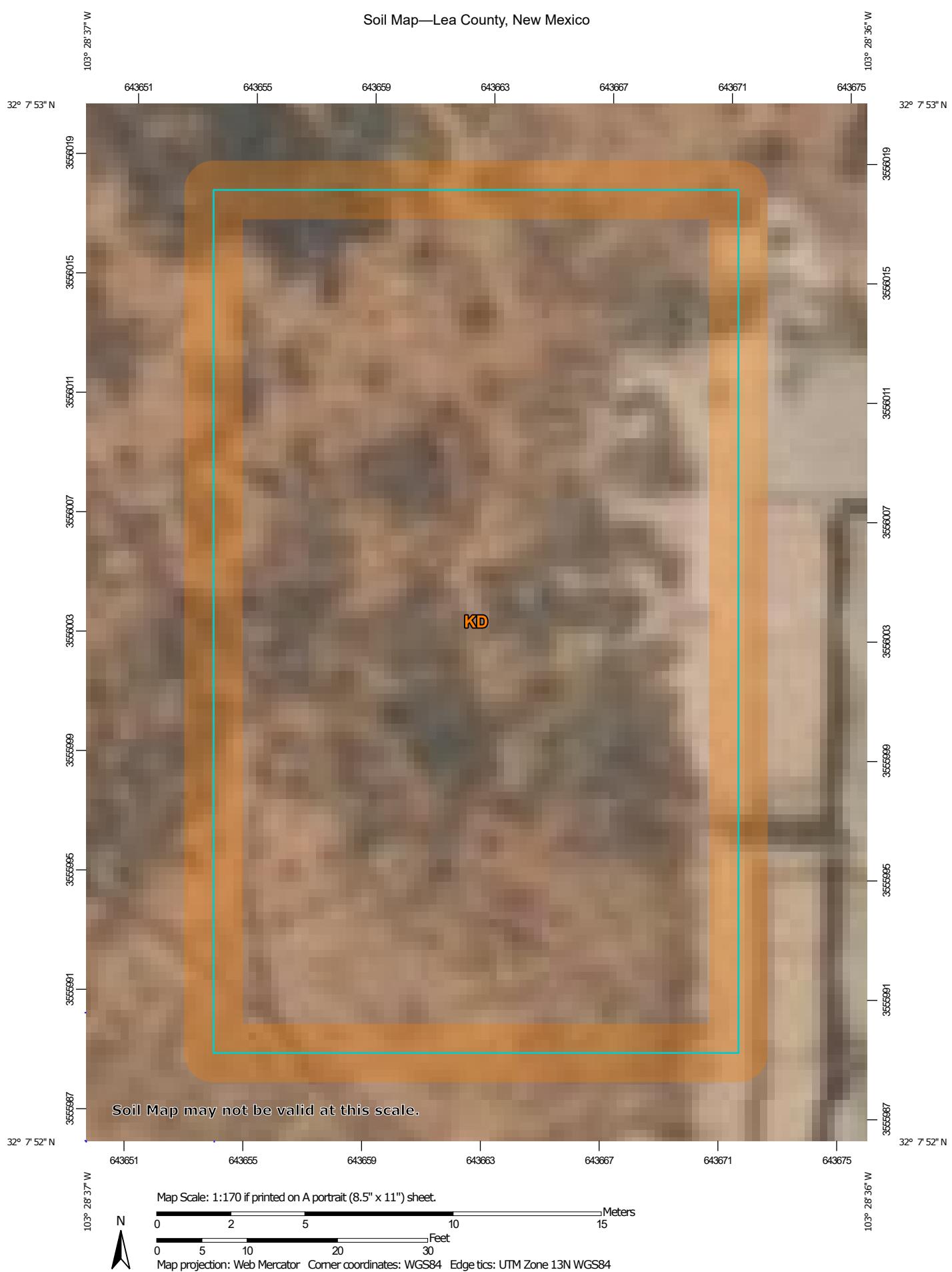


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Bureau of Land Management -

APPENDIX G

CARMONA RESOURCES

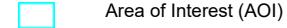




Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)



Area of Interest (AOI)

Soils



Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

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

Background

- Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, 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.



Soil Map—Lea County, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KD	Kermit-Palomitas fine sands, 0 to 12 percent slopes	0.1	100.0%
Totals for Area of Interest		0.1	100.0%



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

11/7/2025
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Map Unit Description: Kermit-Palomitas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Lea County, New Mexico

KD—Kermit-Palomitas fine sands, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpv
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 70 percent
Palomas and similar soils: 20 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

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

Typical profile

A - 0 to 8 inches: fine sand
C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 3 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e



Map Unit Description: Kermit-Palomitas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave, convex, linear
Across-slope shape: Convex
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 5 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: 50 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Pyote

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 4 percent



Map Unit Description: Kermit-Palomitas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025



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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

Action 540773

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2522652652
Incident Name	NAPP2522652652 JOLY 16 STATE COM #1H @ 30-025-39983
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-39983] JOLY 16 STATE COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Joly 16 State Com #1H
Date Release Discovered	08/03/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 30 BBL Recovered: 0 BBL Lost: 30 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)	The release was initially reported on 8/3/25 as being 11.5 bbls of Produced Water. Based on the impact measurements and saturation of soil, the volume calculated as released is 30 bbls rather than the 11.5 originally reported by field operations.

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QUESTIONS, Page 2

Action 540773

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/06/2026
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QUESTIONS, Page 3

Action 540773

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 540773
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<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)	11000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	842
GRO+DRO (EPA SW-846 Method 8015M)	842
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/06/2026
On what date will (or did) the final sampling or liner inspection occur	02/20/2026
On what date will (or was) the remediation complete(d)	02/27/2026
What is the estimated surface area (in square feet) that will be reclaimed	1200
What is the estimated volume (in cubic yards) that will be reclaimed	153
What is the estimated surface area (in square feet) that will be remediated	5100
What is the estimated volume (in cubic yards) that will be remediated	477

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 540773

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>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 hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/06/2026
--	--

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

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QUESTIONS, Page 5

Action 540773

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	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
--	----

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QUESTIONS, Page 6

Action 540773

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	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	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 540773

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 540773
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. 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 receptor characterization/proven depth to water determination. Collect 5-point confirmation samples every 200 ft ² throughout the entire release area and not just at delineation sample point locations that show contaminants over closure criteria standards. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. 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.	1/16/2026