

SITE INFORMATION

Closure Report
West Gama Ridge 8-5 Fed 2H (05.14.19)
Incident ID: NAB1915746595
Lea County, New Mexico
Unit N Sec 08 T22S R34E
32.3997392°, -103.4941176°

Point of Release:

Cap on H-pump failed resulting in spill from tank Release Date: 05.14.2019

Volume Released: 260 Barrels of Produced Water Volume Recovered: 60 Barrels of Produced Water

CARMONA RESOURCES



Prepared for: Cimarex Energy Co. 600 N. Marienfeld Street Suite 300N Midland, Texas 79701

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



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February 20, 2024

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

Re: Closure Report

West Gama Ridge 8-5 Fed 2H (05.14.19)

Cimarex Energy Co.

Site Location: Unit N, S08 T22S, R34E (Lat 32.3997392°, Long -103.4941176°)

Lea County, New Mexico

To whom it may concern:

On behalf of Cimarex Energy Co. (Cimarex), Carmona Resources, LLC has prepared this letter to document site activities for the West Gama Ridge 8-5 Fed 2H (05.14.19). The site is located at 32.3997392°, -103.4941176° within Unit N, S08, T22S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the spill was discovered on May 14, 2019, caused by the cap on the fillers for the H-pump failed and cracked resulting in water to spill from the tank. It resulted in approximately two-hundred sixty (260) barrels of produced water being released, and sixty (60) barrels of produced water were recovered. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 0.64 miles Southwest of the site in S18, T22S, R34E and was drilled in 2023. The well has a reported depth to groundwater of 487 feet below ground surface (ft bgs).

On February 8, 2024, Carmona Resources, LLC requested a groundwater variance to utilize the above-referenced water well for closure criteria purposes. The variance request was approved on February 20, 2024. A copy of the correspondence 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 were utilized in assessing the site.

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



4.0 Site Assessment Activities

On February 7, 2024, Carmona Resources performed site assessment activities to evaluate soil impacts. To assess the vertical and horizontal extent, seven (7) sample points (BH-1 through BH-7) and six (6) horizontal sample points (BH-8 through BH-13) were advanced to depths ranging from the surface to 20' bgs inside the area of concern. 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. Refer to Table 1. See Figure 3 for the sample locations.

5.0 Conclusion

Based on the assessment results and the analytical data, no further actions are required at the site. Cimarex formally requests the closure of this release. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

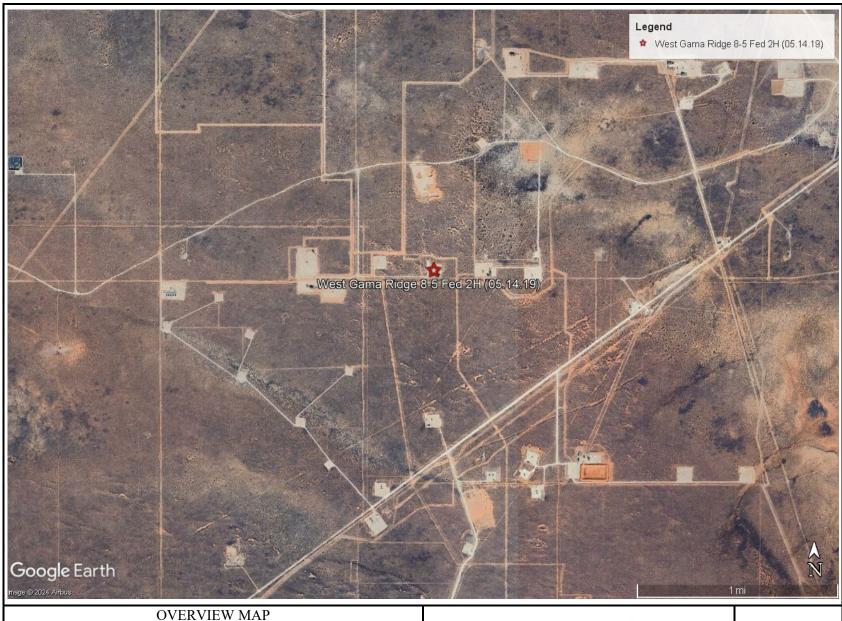
Carmona Resources, LLC

Gilbert Priego Jr. Project Manager

Ashton Thielke Sr. Project Manager

FIGURES

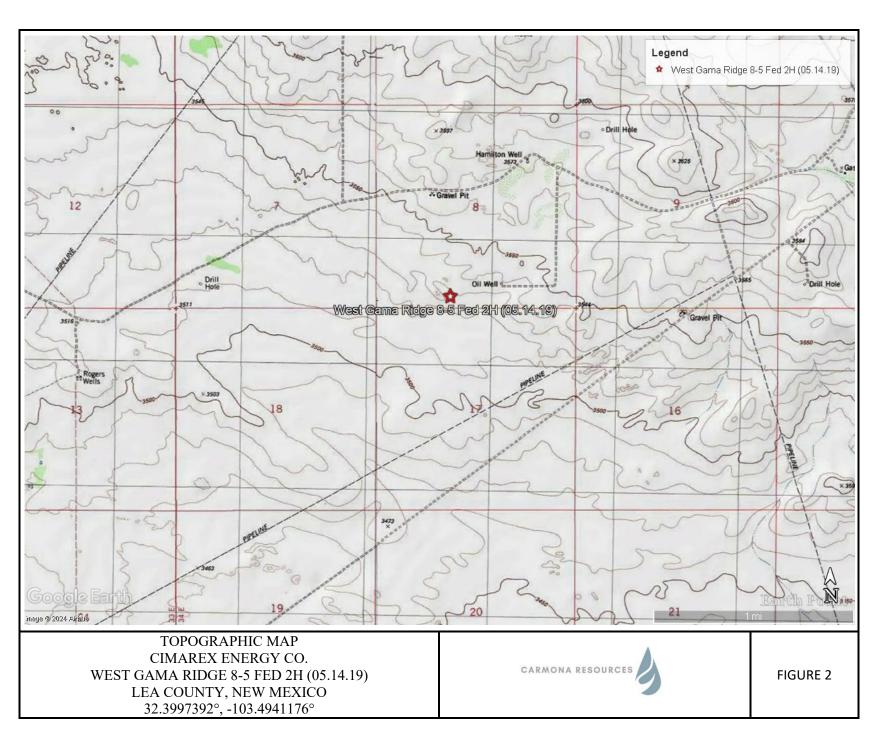
CARMONA RESOURCES

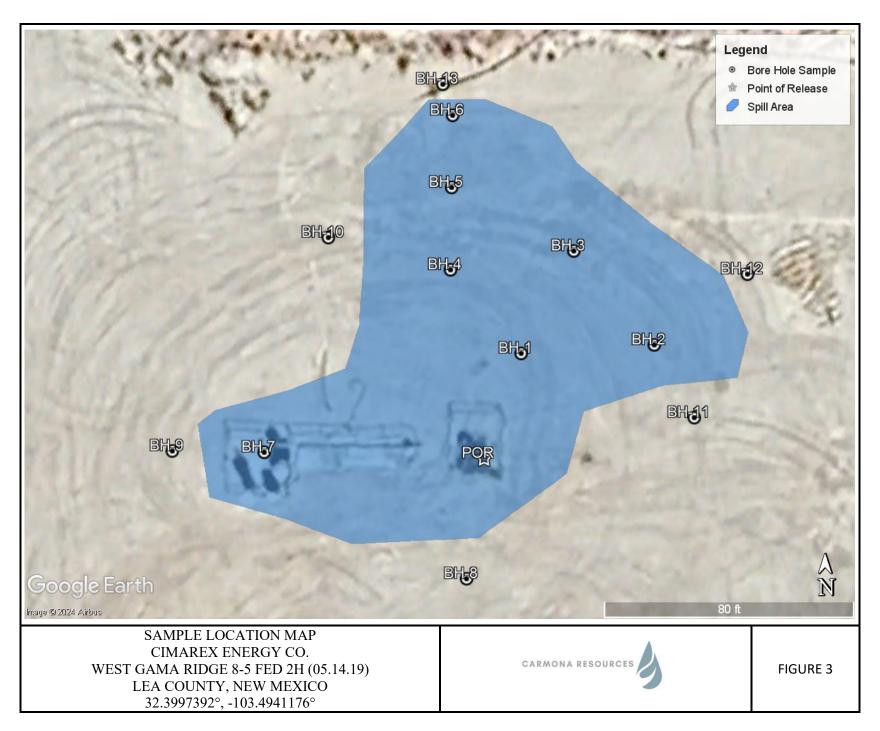


CIMAREX ENERGY CO.
WEST GAMA RIDGE 8-5 FED 2H (05.14.19)
LEA COUNTY, NEW MEXICO
32.3997392°, -103.4941176°



FIGURE 1





APPENDIX A



Table 1 Cimarex Energy Co. West Grama Ridge 8-5 Federal #002H (05.14.2019) Lea County, New Mexico

## BH-1 ## 2777024 0-1 \$100 \$100 \$100 \$100 \$40000 \$40000 \$40000 \$40000 \$40000 \$40	Orange ID	D. t.	Davide (6)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Oblantida (m. m/lam)
BH-14	Sample ID	Date	Depth (ft)	GRO	DRO				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
## 10 2 100		2/7/2024	0-1					<0.050	<0.050	<0.050	<0.150	<0.300	544
## H4			2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
BH-1			3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
## BH-4 " " " " " " " " "			4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
	DU 4		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,410
BH-2	DH-I		6	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
BH-2			7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
BH-2			8	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
BH-2			9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
BH-2 - 2			10	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
BH-2		2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
BH-2 -			2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
BH-2			3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
1	BH-2		4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
## 7	.											-	
## 8 \$400 \$4100 \$4100 \$4100 \$4005		-											
BH-3													
## 2		-	8	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
BH-3		2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-3 * 4 < < <			2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
## 5			3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
## 5	RH-3		4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
Part	511-0	"		<10.0	<10.0		<10.0			<0.050	<0.150	<0.300	
B				<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
BH-4 277/2024			7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
### 2			8	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
BH-4 * 3 < 10.0 < 110.0 < 110.0 < 110.0 < 10.0 < 0.050 < 0.050 < 0.050 < 0.050 < 0.150 < 0.300 < 240				<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,340
## 4 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <													
## 5 < <10.0	BH-4												
### BH-5 ### 27/7/2024													
## 2			5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
## 3 < 10.0 < 10.0 < 10.0 < 10.0 < 10.0 < 0.050 < 0.050 < 0.050 < 0.050 < 0.150 < 0.300 < 128		2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
BH-5 BH-5 ** 4 <10.0 <10.0 <10.0 <10.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0300 304 ** 5 <10.0 <10.0 <10.0 <10.0 <10.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0			2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-5 H-5 10.0 10.			3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
BH-5 BH-5 BH-6 -10.0			4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
BH-5 BH-5 " 7 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <			5						<0.050			-	
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" 20 <10.0 <10.0 <10.0 <10.0 <0.050 <0.050 <0.050 <0.150 <0.300 144													
		-											
			20			<10.0			<0.050	<0.050	<0.150		
Regulatory CriteriaA 1,000 mg/kg 2,500 mg/kg 10 mg/kg 50 mg/kg 20,000 mg/k (-) Not Analyzed				1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(BH) - Bore Hole

Table 1 Cimarex Energy Co. West Grama Ridge 8-5 Federal #002H (05.14.2019) Lea County, New Mexico

		B 11 (5)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
	2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
		2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
		3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
BH-6		4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	672
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	6	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
	"	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
		8	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	2/7/2024	0-1	<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	144
		3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
		4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
	-	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1.140
BH-7		6	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
	-	7	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
		8	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
		9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
		10	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
						ontal Sample P						
	2/7/2024	0-1	<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	48.0
BH-8		3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
		4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
		2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-9		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	32.0
		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	2/7/2024	0-1	<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	16.0
BH-10		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	32.0
		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-11	"	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	64.0
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	2/7/2024	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-12		3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
5.1-12		4	<10.0	<10.0	<10.0	<10.0	<0.050					16.0
	-							<0.050	<0.050	<0.150	<0.300	
		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	2/7/2024	0-1	<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	32.0
BH-13		3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
		5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	ry CriteriaA		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg
(-) Not	Analyzed											

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(BH) - Bore Hole

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph No. 1

Facility: West Gama Ridge 8-5 Fed 2H

(05.14.19)

County: Lea County, New Mexico

Description:

View South, area of BH-1 and BH-4 through BH-6.



Photograph No. 2

Facility: West Gama Ridge 8-5 Fed 2H

(05.14.19)

County: Lea County, New Mexico

Description:

View East, area of BH-2 through BH-3 and BH-11

through BH-12.



Photograph No. 3

Facility: West Gama Ridge 8-5 Fed 2H

(05.14.19)

County: Lea County, New Mexico

Description:

View Northeast, area of BH-7 and BH-9.





PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph No. 4

Facility: West Gama Ridge 8-5 Fed 2H

(05.14.19)

County: Lea County, New Mexico

Description:

View North, area of BH-8.



APPENDIX C

CARMONA RESOURCES

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

Responsible Party Cimarex Energy

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAB1915746595
District RP	1RP-5532
Facility ID	
Application ID	pAB1915746326

Release Notification

Responsible Party

OGRID 215099

Contact Name Christine Alderman				Contact Telephone 432-853-7059				
Contact emai	l calderman	@cimarex.com			Incident #	(assigned by OCD)	NAB1915746595	
Contact mail: 79701	Contact mailing address 600 N Marienfeld Ste 60, Midland, TX 79701							
	Location of Release Source							
Latitude 32.3997392 Longitude -103.4941176								
Site Name W	Vest Grama 1	Ridge 8-5 Fed 2H			Site Type	production battery		
Date Release	Discovered	5/14/2019			API# (if app	licable) 30-025-43554		
Unit Letter	Section	Township	Range		Coun	ty		
N	08	22S	34E	Lea				
	Surface Owner: State Federal Tribal Private (Name: Nature and Volume of Release Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)							
Crude Oil		Volume Release				Volume Recovered (bbls)		
□ Produced	Water	Volume Release				Volume Recovered (bbls) 60		
		Is the concentrate produced water:	ion of dissolved >10.000 mg/l?	chlorid	e in the	⊠ Yes □ No		
Condensa	te	Volume Release				Volume Recovered (bbls)		
☐ Natural G	as	Volume Release	d (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units))	Volume/Weight	Recovered (provide units)			
Cause of Rele	ease							
The cap on th	e filters for	the H-pump failed	l and cracked, ca	using w	rater to spill f	rom tank.		
		•						
		e de la companya de						
		4.5						

Received by OCD: 2/21/2024 10:02: Form C-141

Page 2

Oil Conservation Division

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Incident ID	NAB1915746595
District RP	1RP-5532
Facility ID	
Application ID	nAB1915746326

Was this a major	If YES, for what reason(s) does the response	nsible party consider this a major release?
release as defined by	The release was >25 bbls	
19.15.29.7(A) NMAC?		•
Yes □ No		
If YES, was immediate ne	otice given to the OCD? By whom? To w	hom? When and by what means (phone, email, etc)?
Yes		
Christine Alderman Jim Griswold. NM distric	et 1 general email. 5/15/2019	
	AB	
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and	I the environment.
	•	dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed a	_
	d above have <u>not</u> been undertaken, explain	
if the the tellens describe	a above have <u>not</u> been undertaken, explant	, , , , , , , , , , , , , , , , , , ,
Don 10 15 20 9 D (4) NIM	IAC the responsible porty may commence	wamadiatian immadiataly after discovery of a valence. If remodiation
		remediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred
		please attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
		ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a thr	eat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	f a C-141 report does not relieve the operator o	f responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
	Alderman	
Signature: Christia	ie Alderman	Date:5/14/2019
email:calderman@cin	narex.com	Telephone: _432-853-7059
OCD Only		
Received by: Amalia	a Bustamante	Date: 6/6/2019
Received by: Amana		Date: 6/6/2019

Received by OCD: 2/21/2024 10:02:58 AM
Form C-141 State of New Mexico
Page 3 Oil Conservation Division

of New Mexico		Pag
	Incident ID	
servation Division	District RP	
	Facility ID	

Application ID

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

(ft bgs)				
☐ Yes ☐ No				
Yes No				
☐ Yes ☐ No				
Yes No				
Yes No				
☐ Yes ☐ No				
☐ Yes ☐ No				
☐ Yes ☐ No				
☐ Yes ☐ No				
☐ Yes ☐ No				
☐ Yes ☐ No				
☐ Yes ☐ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Incident ID	
District RP	
Facility ID	
Application ID	

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

Received by OCD: 2/21/2024 10:02:58 AM Form C-141 State of New Mexico Oil Conservation Division Page 6

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Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially notitions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Printed Name:	
Signature: email:	Telephone:
	1
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 314961

QUESTIONS

Operator:	OGRID:			
CIMAREX ENERGY CO.	215099			
6001 Deauville Blvd	Action Number:			
Midland, TX 79706	314961			
	Action Type:			
	[NOTIFY] Notification Of Sampling (C-141N)			

QUESTIONS

Prerequisites					
Incident ID (n#)	nAB1915746595				
Incident Name	NAB1915746595 WEST GRAMA RIDGE 8 5 FEDERAL #002H @ 30-025-43554				
Incident Type	Produced Water Release				
Incident Status	Initial C-141 Approved				
Incident Well	[30-025-43554] WEST GRAMA RIDGE 8 5 FEDERAL #002H				

Location of Release Source				
Site Name	WEST GRAMA RIDGE 8 5 FEDERAL #002H			
Date Release Discovered	05/14/2019			
Surface Owner	State			

Sampling Event General Information					
Please answer all the questions in this group.					
What is the sampling surface area in square feet	18,000				
What is the estimated number of samples that will be gathered	13				
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/07/2024				
Time sampling will commence	11:00 AM				

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Gilbert Priego - 432-813-7389 Site assessment sampling with drilling rig, sample results turned out to being less than regulatory clean up standard for medium/deep groundwater. No remediation required until reclamation
Please provide any information necessary for navigation to sampling site	32.3997392,-103.4941176

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

CONDITIONS

Action 314961

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	314961
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
lluig	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/15/2024

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Sent: Tuesday, February 20, 2024 10:43 AM

To: Ashton Thielke

Cc: DL_Permian Environmental

Subject: Re: [EXTERNAL] NAB1915746595 - West Grama Ridge 8-5 Fed #002H - NMAC

19.15.29.11.A.4 - Groundwater Variance

WARNING: This email originated from outside of Coterra Energy. Do not click links or open attachments unless you recognize the sender, are expecting the content and know it is safe.

Good morning Ashton,

Thank you for the solicitation. My apology for the delay in response. Your variance request to 19.15.29.11A (4) NMAC is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez ● Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



From: Ashton Thielke < Ashton. Thielke@coterra.com >

Sent: Thursday, February 8, 2024 10:16 AM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov>

Cc: DL Permian Environmental < DL PermianEnvironmental@coterra.com>

Subject: [EXTERNAL] NAB1915746595 - West Grama Ridge 8-5 Fed #002H - NMAC 19.15.29.11.A.4 - Groundwater

Variance

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon Mr. Velez

We are requesting a variance to NMAC 19.15.29.11.A.4 for the above mentioned NMOCD incident #.

The above mentioned site recently had a release on May 14, 2019 and has since been mapped out and is being assessed.

The closest groundwater data we have for this site is approximately ~0.64 miles Southwest of the site at a depth of 487'

(See attachment for documentation/well log).

Additional water wells found during a desktop review to suggest that groundwater is > 400'.

The release was fully contained on pad and did not spread to any pasture or roadway and has no impacts to surface/ground water.

The site is **NOT** located in a high karst environment and the nearest water feature, river, playa, etc are all greater than 1 mile away.

The site is believed to be no risk to the environment and with NMOCD approval of this variance, Cimarex will proceed with closure of this site using the closure criteria found on Table 1 of NMAC 19.15.29, to reflect groundwater >100 feet.

Delineation samples were collected yesterday 02.07.2024 for this historical spill incident.

Please let me know if you have any questions.

Thanks!



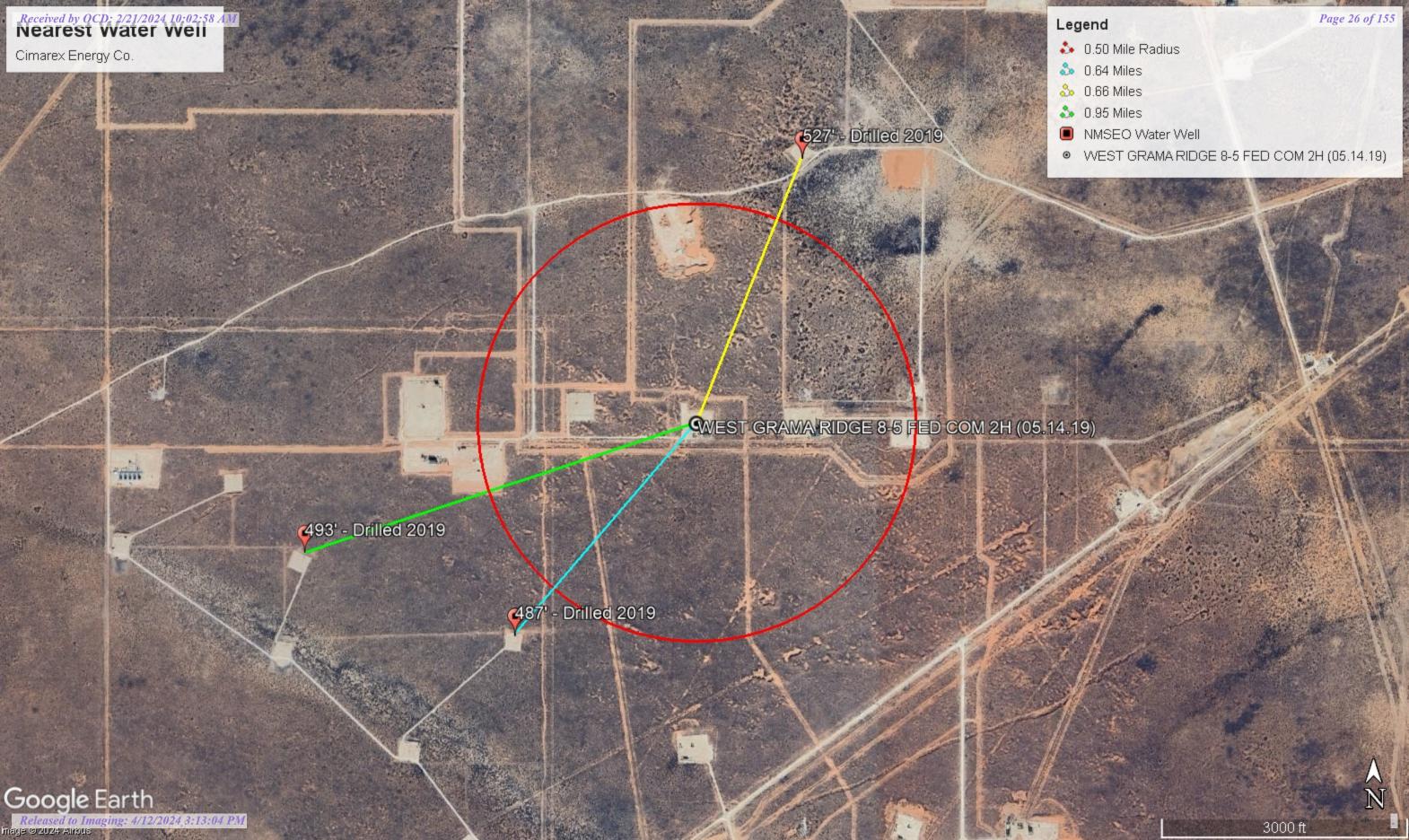
Ashton Thielke | PBU - Environmental Consultant
T: 432.813.8988 | M: 281.753.5659 | Ashton.Thielke@coterra.com | www.coterra.com
Coterra Energy Inc. | 6001 Deauville Blvd., Suite 300N | Midland, TX 79706

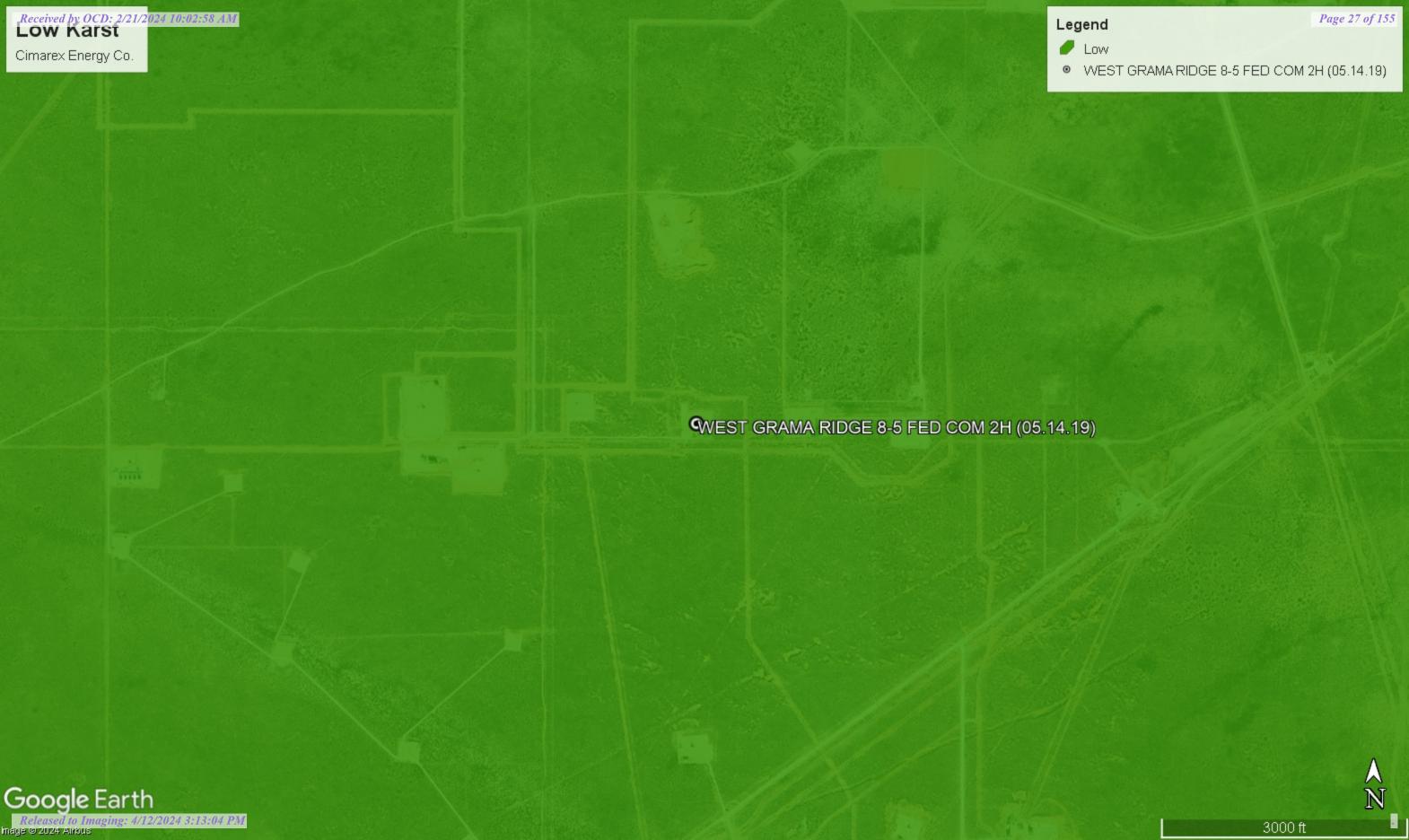
Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

This message may contain confidential and/or privileged information. If you are not the addressee or authorized to receive this for the addressee, you must not use, copy, disclose or take any action based on this message or any information herein. If you have received this message in error, please advise the sender immediately by reply e-mail and delete this message.

APPENDIX D

CARMONA RESOURCES







WELL RECORD & LOSSIEL. AND LAKEO

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

2019 APR 26 PM #: 01

NO	OSE POD NO		0.)		WELL TAG ID NO.			OSE FILE NO(S).			
OCAT	WELL OWN Merchant	,	s) k Company/Glenn's	Water Well S	Service, Inc.			PHONE (OPTI- 575-398-242	-			
WELLI	WELL OWN PO Box 6		IG ADDRESS				,	CITY Tatum		STATE NM	882	ZIP 57
GENERAL AND WELL LOCATION	WELL	ON L	DE ATITUDE	EGREES 32	MINUTES 23	SECONI 33.6		* ACCURACY	REQUIRED: ONE TEN	TH OF A SECO	ID	i
NERA	(FROM GI	25)	ONGITUDE	-103	30	4.56	W	* DATUM REC	QUIRED: WGS 84			
I. GE			ING WELL LOCATION TO Section 18, Townsh							ERE AVAILAB	LE	
	LICENSE NO		NAME OF LICENSED	DRILLER				· · · · · ·	NAME OF WELL DR	ILLING COMPA	NY	
	WD				Corky Glenn					Vater Well Ser		:
	DRILLING S 03/23		DRILLING ENDED 03/29/19	DEPTH OF CO	MPLETED WELL (FT) 1,122'	1		E DEPTH (FT) ,122'	DEPTH WATER FIR:	ST ENCOUNTE: 785'	RED (FT)	i
2	COMPLETE	D WELL IS:	✓ ARTESIAN	DRY HOL	E SHALLOW	(UNCON	FINED)		STATIC WATER LEV	EL IN COMPLE 487'	TED WEL	_ (FT)
TIOI	DRILLING F	LUID:	AIR	✓ MUD	ADDITIVES	- SPECI	FY:		<u> </u>			
RMA	DRILLING M	ŒTHOD:	✓ ROTARY	HAMMER	HAMMER CABLE TOOL OTHER - SPECIFY			R – SPECIFY:				
CASING INFORMATION	DEPTH FROM	(feet bgl)	BORE HOLE DIAM		MATERIAL AND/C GRADE			SING IECTION	CASING INSIDE DIAM.	CASING V THICKN		SLOT SIZE
ASI			(inches)		ach casing string, ar ections of screen)	i		YPE ing diameter)	(inches)	(inche	5)	(inches)
- 23	0	40	20"		3 Sch 40 Steel 16" (lone	15.5	.25		
ING	0	765	14.75"		ade J-55/K-55 10.75			& Collar	10.05	.35		
DRILLING	728	1,122	9.875"		ng 8 5/8" / 8.625" O Bottom 350' Perfora		Pla	in End	8.125	.25		1/8"
2. DI				(47)					····			
			 				·					
	DEPTH	(feet hel)	BORE HOLE	1 12	T ANNULAR SEA	I MAT	FRIAT A	ND	AMOUNT		ETUOP	OF:
ΑL	FROM	TO	DIAM. (inches)		/EL PACK SIZE-R			i	(cubic feet)		IETHOD LACEME	
(ERI	0	40'	20"		Cemer	nted			2 yards		Top Pou	r i
ANNULAR MATERIAL	0	765'	14.75"	Float	and Shoe Cemented	d to Suri	ace 14 Ba	arrels	325 Sacks Pumpe	ed	Circulate	d
AR								-				!
NU											<u>-</u> -	· · ·
3. AD					<u> </u>							
``.	,	· · · · · · · · · · · · · · · · · · ·			,							<u></u>
FOR.	OSE INTER	NAL USE				···		WR-20	WELL RECORD &	& LOG (Versi	on 06/30/	[7)
FILE		6-1	722		POD NO.			TRN N		832	1	
LOC	ATION O	<u>(25</u>	34E 18	2.4.	4 E	χP	4	WELL TAG IE	NO. NF		PAGE 1	OF 2

PAGE 2 OF 2

	DEPTH (FROM	feet bgl) TO	THICKNESS (feet)		WATER BEARING?	ESTIMATED YIELD FOR WATER- BEARING	
	r KOW	10	(1601)	(attach supplemental sheets to fully describe all units)	'	YES/NO)	ZONES (gpm)
.	0	3	3	Sand		Y /N	
	3	35	32	Caliche	-	Y ✓N	
	35	80	45	Sand		Y ✓N	
	80	355	275	Red Clay		Y ✓N	-
	355	482	127	Red Shale		Y ✓N	
ابد	482	567	85	Brown Shale		Y ✓N	
OF WELL	567	765	198	Brown & Red Shale		Y ✓N	
OF	765	785	20	Blue & Red Shale		Y ✓N	
90	785	797	12	Red Sand Rock	1	Y N	
HYDROGEOLOGIC LOG	797	815	18	Blue Shale		Y ✓N	
20	815	837	22	Red Sand Rock	✓	Y N	
035	837	1091	254	Sand	1	Y N	150.00
ROC	1091	1122	31	Red Clay & Red Shale	·	Y ✓N	
EXE						Y N	
4			***			Y N	
					***	Y N	
						Y N	
Ì		İ				Y N	
Ì						Y N	
						Y N	
						Y N	
	METHOD U	JSED TO E	STIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL	ESTIMATED	
	✓ PUM	Р 🗀 А	AIR LIFT	BAILER OTHER – SPECIFY:	WELL Y	TELD (gpm):	150.00
					<u> </u>		
NOI	WELL TES			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, IN ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN O			
tvis	MISCELLA	NEOUS IN	FORMATION:				
5. TEST; RIG SUPERVIS				to 765' drilled with mud.			
G St			/6	5' to 1,122' drilled with air and foam.			
; RI							ı
EST	PRINT NA	ME(S) OF D	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CO	NSTRUCTI	ON OTHER TI	HAN LICENSEE:
5. T							
(-2)	THE UNDE	RSIGNED	HEREBY CERTIF	JES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BI DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELI	ELIEF, THE	FOREGOING	IS A TRUE AND
UR	AND THE	PERMIT HO	OLDER WITHIN 3	0 DAYS AFTER COMPLETION OF WELL DRILLING:	RECORD		
NAT		1	0,0			/	,
6. SIGNATURE	101	Par	Her	Corky Glenn	41	24/	19
9	-	SIGNA	TURE OF DRILLE	R / PRINT SIGNEE NAME	-17	DATE	1

POD NO.

EXPL WELL TAG ID NO.

FILE NO.

LOCATION



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE POD NO. (WELL NO.) CP-1720-POD1 Hamilton WELL TAG ID NO. WELL TAG ID NO. WELL TAG ID NO. WELL TAG ID NO.								OSE FILE NO(S). PHONE (OPTIONAL)			
Merchant WELL OWN PO Box 6	ER MAILING		Water Well S	CI			575-398-2424 CITY STATE			ZIP	
TO BOX 0	92						Tatum		NM 8	8267 	
WELL LOCATIO		DE	egrees 32					REQUIRED: ONE TEN	TH OF A SECOND		
(FROM GI	PS) LO	NGITUDE	-103	29	23.82	W	* DATUM REG	QUIRED: WGS 84			
		NG WELL LOCATION TO /4 Section 08, Town					-	· ·	HERE AVAILABLE		
LICENSE NO).	NAME OF LICENSED	DRILLER	*-				NAME OF WELL DR	ILLING COMPANY	• • • •	
WD	421			Corky Glenn				Glenn's V	Vater Well Service, l	nc.	
DRILLING S 05/02		DRILLING ENDED 05/07/19	DEPTH OF CO	` '			LE DEPTH (FT) ,190	DEPTH WATER FIR	ST ENCOUNTERED (F 824'	Γ)	
COMPLETE	D WELL IS:	ARTESIAN	DRY HOL	E SHALLOW	UNCONFI	NED)		STATIC WATER LEV	VEL IN COMPLETED W 527'	/ELL (FT)	
DRILLING F	LUID:	AIR	7 MUD	·							
DRILLING M	METHOD:	✓ ROTARY	☐ HAMMER								
DEPTH FROM	DEPTH (feet bgl) BORE HOROM TO DIAM		CASING MATERIAL AND/OR GRADE		R	CASING CONNECTION		CASING INSIDE DIAM.	CASING WALL THICKNESS	SLO SIZ	
		(inches)		ach casing string, an ections of screen)	1	TYPE (add coupling diameter)		(inches)	(inches)	(incl	
0	40	20"	· ·	3 Sch 40 Steel 16" C			None	15.5	.25		
0	800	14.75"		ade J-55/K-55 10.75			d & Collar	10.05	.35		
728	1,190	9.875"		ng 8 5/8" / 8.625" Ol Bottom 420 Perfora		Pla	in End	8.125	.25	1/8	
									Contraction of the Contraction o	3	
DEPTH	(feet bgl)	BORE HOLE	LIS	T ANNULAR SEA	L MATE	RIAL A	ND	AMOUNT	METH		
FROM	то	DIAM. (inches)	GRAV	VEL PACK SIZE-RA		INTE	RVAL	(cubic feet)	PI ₂ ACE	·	
0	40'	20"		Cemer				2 yards	Top		
0	800'	14.75"	Float	and Shoe Cemented	to Surfa	e 30 B	arrels	345 Sacks Pump	1 11,125	lated	
									Projecting Projection		
									# Commanda		
								<u> </u>			
OSE INTER	NAL USE						WR-20	WELL RECORD	& LOG (Version 06/	30/17)	
NO. C	0.11	720		POD NO.	1		TRN N	10.	22249	_	

+	DEPTH (1	feet bgl)	THICKNESS	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE:	WATER BEARING?	ESTIMATED YIELD FOR WATER-					
	FROM	ТО	(feet)	(attach supplemental sheets to fully describe all units)	(YES/NO)	BEARING ZONES (gpm)					
	0	5	5	Sand	Y ✓N						
	5	20	15	Caliche & Clay	Y ✓N						
	20	110	90	Sand & Red Clay	Y 🗸 N						
	110	600	490	Red Clay & Shale	y ✓n						
	600	760	160	Red & Brown Shale	Y ✓N						
3	760	800	40	Red Shale	Y ✓N						
X C	800	824	24	Red Shale & Clay	Y ✓N						
5	824	1,109	285	Sand	✓ Y N	100.00					
HTDROGEOLOGIC LOS OF WELL	1,109	1,140	31	Sand with Stringers of Brown Shale	✓ Y N						
֡֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	1,140	1,171	31	Sand	✓Y N						
3	1,171	1,190	19	Red Shale	Y ✓N						
3					Y N						
\$					Y N						
		=			Y N						
•		_			Y N						
-			1		Y N						
-		<u>-</u>			Y N						
			1		Y N						
1					Y N						
-		 			YN						
<u> </u>					YN						
-	METHOD U	TOTAL ESTIMATED	<u> </u>								
	PUMI			BAILER OTHER - SPECIFY:	WELL YIELD (gpm):	100.00					
		V A	IKLIFI [_]	DAILER JOTHER - SPECIFY:							
	WELL TES	LUDING DISCHARGE I TR THE TESTING PERIC									
	MISCELLANEOUS INFORMATION:										
TEST, MIC SULENVIS	0' to 800' drilled with mud.										
2	800' to 1,190' drilled with air and foam.										
Ž											
<u> </u>	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:										
ń		(0) 01 -			· · · · · · · · · · · · · · · · · · ·						
				And the state of t							
CINE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:										
. SIGNALURE	/	Bak	a fed	Corky Glenn	5/28/1	9					
o I	$-\iota$		URE OF DRILLER	/ PRINT SIGNEE NAME							

Released to Imaging: 4/12/2024 3:13:04 PM

FILE NO.

LOCATION 225.





2010 MAY 13 MM 10: 45

N.C	OSE POD NO. (WELL NO.) CP-1721-POD1 NGS Middle								OSE FILE NO(S).		- A	1.7.70
GENERAL AND WELL LOCATION	well owner name(s) Merchant Livestock Company/Glenn's Water Well Service, Inc.								PHONE (OPTI 575-398-24)	•		 	:
	WELL OWNER MAILING ADDRESS PO Box 692									state zip NM 88267			
				DE	GREES	MINUTES	SECO	NDS	<u> </u>				*
AL AN	WELL LOCATION		LATIT		32 23 43.5			* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
EX	(FROM GF	'S)	LONG	TTUDE	-103	30	34.35 W * DATUM REQUIRED: WGS 84						
1. GEN	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIIP, RANGE) WHERE AVAILABLE SE 1/4 NE 1/4 NW 1/4 Section 18, Township 22 South, Range 34 East on Merchant Livestock Company Land												
	LICENSE NO			NAME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING	COMPANY	
	WD 421								Vater W	er Well Service, Inc.			
	DRILLING STARTED 04/07/19			DRILLING ENDED 04/11/19	DEPTH OF COM	PLETED WELL (FT 1,108)		HOLE DEPTH (FT) DEPTH WATER FIRST ENCOUNTERE 820'				г)
7	COMPLETED WELL IS:			✓ ARTESIAN	DRY HOLE	SHALLOV	V (UNCC	NFINED)		STATIC WATER LEVEL IN COMPLETED WELL (FT) 493'			ÆLL (FT)
[2]	DRILLING FLUID: AIR			MUD ADDITIVES – SPECIFY:					:				
CASING INFORMATION	DRILLING M			ROTARY	HAMMER	CABLE TO	OOL	OTHE	R - SPECIFY:				
Į į	D. D	10 . 1		1	CLODICA								<u> </u>
Z	DEPTH (feet b		-	BORE HOLE	TARADE. 1			ASING	CASING	1 0		,	
NIS	FROM	ТО		DIAM (inches)	(include each casing string, and			CONNECTION TYPE		INSIDE DIAM. (inches)	THICKNESS (inches)		SIZE (inches)
CAS	0 40		1	20"	note sections of screen) ASTM A53 Sch 40 Steel 16" OD			ling diameter) None	15.5	.25			
3 3	0	750		14.75"		ie J-55/K-55 10.7			d & Collar	10.05		.35	
Ľ	714 1,108			9.875"	Steel Casing 8 5/8" / 8.625" OD			ain End	8.125	.25		1/8"	
DRILLING	<u> </u>			<u> </u>	(394' Total) Bottom 350' Perforated								
2. D											 	·····	
						"							
									<u>.</u>				
	DEPTH (feet bgl) BORE HOLE LIST ANNULAR SEAL MATERIAL A							AND	AMOUNT METHOD OF				
[AL	FROM	TC)	DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INTERVAL			ERVAL	(cubic feet)		PLACEMENT		
ER	0	40	1	20"	Cemented				2 yards		Top Pour		Pour
MA1	0	756' 14.75"			Float and Shoe Cemented to Surface 40 Barrels			Barrels	325 Sacks Pumped (Circu	Circulated	
N N													
nr,													
ANNULAR MATERIAL													
3.													
FOR	OSE INTER	NAL U	SE						WR-2	0 WELL RECORD	& LOG	(Version 06/	(30/17)
FILE	NO.	0-1	1	aL		POD NO.		1	TRN	vo. 6	<u>28</u>	316	
LOC	ATION 🙏	225	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	34E. (?	3.1 .2.	4	7	$\mathcal{O}(1)$	WELL TAG I	ONO.	572	\ PAG	E 1 OF 2

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -					ESTIMATED			
	FROM	ТО	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)		WATER BEARING? (YES/NO)		YIELD FOR WATER- BEARING ZONES (gpm)			
	0	6	6	Sand		Y	√ N				
	6	40	34	Caliche		Y	√N				
	40	85	45	Sand & Red Clay		Y	√N				
	85	420	335	Red Clay		Y	√N				
	420	510	90	Red Shale		Y	√ N				
T	510	565	55	Brown Shale		Y	✓ N				
WELL	565	756	191	Brown & Red Shale		Y	√N				
OF	756	792	36	Red Shale		Y	✓ N				
90'	792	823	31	Red Sand Stone	1	Y	N	·-·			
4. HYDROGEOLOGIC LOG OF	823	1,075	252	Sand with Shale Stringers	√	Y	N	45.00			
907	1,075	1,108	33	Red Shale	-	Y	√ N	•,,			
EO						Y	N				
ROC						Y	N				
JAD						Y	N				
4.						Y	N				
						Y	N				
•					-	Y	N				
				A series of Articles and to account		Y	N				
						Y	N				
						Y	N				
						Y	N				
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: TOTAL										
	PUMP AIR LIFT BAILER OTHER - SPECIFY:							45.00			
	[1 GIVII										
NOI	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.										
TEST; RIG SUPERVIS	MISCELLANEOUS INFORMATION:										
PEF	0' to 756' drilled with mud.										
e st	756' to 1,108' drilled with air and foam.										
; RI											
ESI	PRINT NAN	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:									
5. T		THE CONSTRUCTION OF ENGLISH THE TENT OF THE CONSTRUCTION OF THE CONSTRUCTION OF THE THAN ENERGEE.									
,											
URE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:										
SIGNATURE	Corky Glenn 5/9/19										
9		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME	//		DATE				

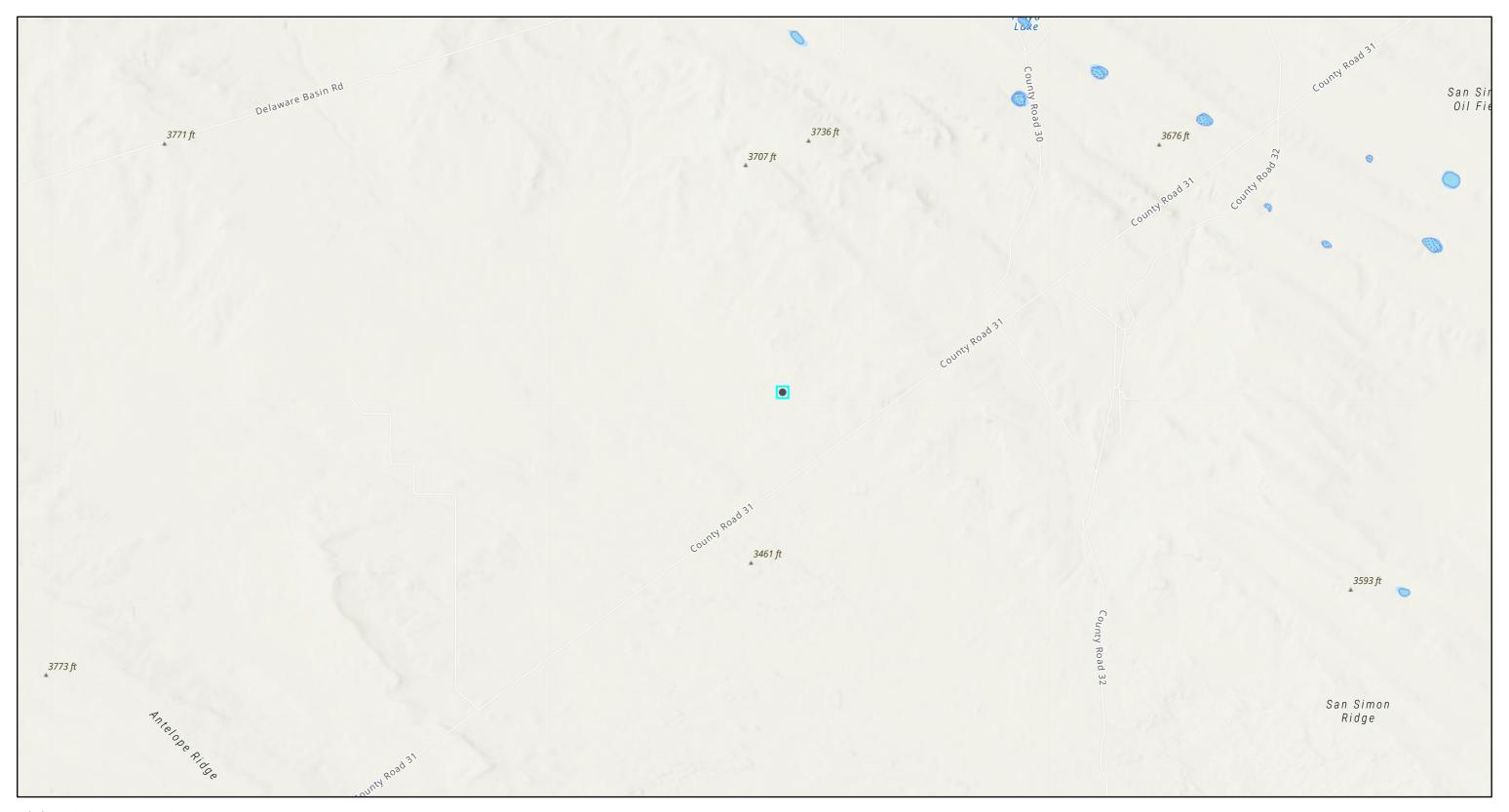
FOR OSE INT	ERNAL USE	WR-20 WELL	WR-20 WELL RECORD & LOG (Version 06/30/2017)			
FILE NO.	OP-172	POD NO.	TRN NO.	628311	0	
LOCATION	225.34E.18.1.2.L	t EXPL	WELL TAG ID NO.	NC	PAGE 2 OF 2	

FEMA National Flood Hazard Layer (NFHL)



Maxar | Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

West Grama Ridge 8-5 Federal #002H (05.14.2019)



2/8/2024, 10:38:16 AM

OSW Water Bodys

OSE Probable Playas

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

APPENDIX E

CARMONA RESOURCES



February 09, 2024

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: WEST GAME RIDGE 8-5 FED COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/07/24 16:45.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Type: Soil

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 1 (0-1') (H240594-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

Applyand By 14

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024

Sampling Type: Soil

Project Name:

BTEX 8021B

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sample ID: BH - 1 (2') (H240594-02)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 1 (3') (H240594-03)

BTEX 8021B

DILX OUZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 1 (4') (H240594-04)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 1 (5') (H240594-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: Soil
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Coo

Analyzed By: JH

Sampling Date:

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

02/07/2024

Sample ID: BH - 1 (6') (H240594-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	201	101	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024
Sampling Type: Soil

Reported: Project Name:

BTEX 8021B

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sample ID: BH - 1 (7') (H240594-07)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Applyzod By: 14

Sampling Date:

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

02/07/2024

Soil

Sample ID: BH - 1 (8') (H240594-08)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	< 0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 1 (9') (H240594-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Type: Soil

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 1 (10') (H240594-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Analyzed By: JH

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02/07/2024

Cool & Intact

Soil

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Analyzed By: JH

Sampling Date:

Project Name:

Project Number: Sample Received By: 2252 Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 2 (0-1') (H240594-11)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: Soil

Sampling Date:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB
Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

02/07/2024

Sample ID: BH - 2 (2') (H240594-12)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (3') (H240594-13)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/08/2024	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	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Analyzed By: JH

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02/07/2024

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Sampling Date:

Sample Received By:

Project Name: WEST Project Number: 2252

Sample ID: BH - 2 (4') (H240594-14)

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

	mg/kg		Analyzed By: JH					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
<0.300	0.300	02/08/2024	ND					
	<0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Surrogate: 4-Bromofluorobenzene (PID 97.5 % 71.5-134

Result 736 mg/	Reporting Limit 16.0	Analyzed 02/08/2024 Analyze	Method Blank ND d By: MS	BS 432	% Recovery	True Value QC 400	RPD 0.00	Qualifier
				432	108	400	0.00	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
<10.0	10.0	02/08/2024	ND					
	<10.0 <10.0	<10.0 10.0 <10.0 10.0	<10.0 10.0 02/08/2024 <10.0 10.0 02/08/2024	<10.0 10.0 02/08/2024 ND <10.0 10.0 02/08/2024 ND	<10.0 10.0 02/08/2024 ND 223 <10.0 10.0 02/08/2024 ND 209	<10.0 10.0 02/08/2024 ND 223 112 <10.0 10.0 02/08/2024 ND 209 105	<10.0 10.0 02/08/2024 ND 223 112 200 <10.0 10.0 02/08/2024 ND 209 105 200	<10.0 10.0 02/08/2024 ND 223 112 200 1.30 <10.0 10.0 02/08/2024 ND 209 105 200 1.85

Surrogate: 1-Chlorooctane 104 % 48.2-134
Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (5') (H240594-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/08/2024	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	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (6') (H240594-16)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/08/2024	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	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (7') (H240594-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2024	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	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 2 (8') (H240594-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	< 0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	6 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (0-1') (H240594-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	< 0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	104 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Sampling Date: 02/07/2024 Sampling Type:

Reported: Project Name:

BTEX 8021B

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB Soil

Project Number: 2252 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

mg/kg

Sample ID: BH - 3 (2') (H240594-20)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.02	101	2.00	6.19	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	99.8	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.97	98.6	2.00	6.24	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.74	95.7	6.00	6.34	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sample Received By:

Soil Cool & Intact Tamara Oldaker

Sample ID: BH - 3 (3') (H240594-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (4') (H240594-22)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	< 0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (5') (H240594-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (6') (H240594-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	18						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (7') (H240594-25)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 02/08/2024 ND 1.99 Toluene* <0.050 0.050 02/08/2024 ND 2.00	% Recovery 99.6 100 98.2	True Value QC 2.00 2.00	9.40	Qualifier
·	100			
Toluene* <0.050 0.050 02/08/2024 ND 2.00		2.00		
	98.2		9.41	
Ethylbenzene* <0.050 0.050 02/08/2024 ND 1.96		2.00	10.1	
Total Xylenes* <0.150 0.150 02/08/2024 ND 5.92	98.7	6.00	9.26	
Total BTEX <0.300 0.300 02/08/2024 ND				
Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134				
Chloride, SM4500Cl-B mg/kg Analyzed By: HM				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 864 16.0 02/08/2024 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 02/08/2024 ND 223	112	200	1.30	
DRO >C10-C28* <10.0 10.0 02/08/2024 ND 209	105	200	1.85	
EXT DRO >C28-C36 <10.0 10.0 02/08/2024 ND				
Surrogate: 1-Chlorooctane 89.5 % 48.2-134				
Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148				

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 3 (8') (H240594-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	223	112	200	1.30	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	209	105	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 4 (0-1') (H240594-27)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	02/08/2024	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	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	67.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

 02/07/2024
 Sampling Date:
 02/07/2024

 02/09/2024
 Sampling Type:
 Soil

Project Name: WEST Project Number: 2252

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 4 (2') (H240594-28)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/08/2024	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	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	61.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.9	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 4 (3') (H240594-29)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 4 (4') (H240594-30)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024 Sampling Type: Soil

Project Name:

RTFY 8021R

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 4 (5') (H240594-31)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.7	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (0-1') (H240594-32)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: Soil

02/07/2024

Project Name:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB Sampling Type:

Cool & Intact

Project Number:

BTEX 8021B

2252

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 5 (2') (H240594-33)

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (3') (H240594-34)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

> Cool & Intact Tamara Oldaker

Sample ID: BH - 5 (4') (H240594-35)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.2	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Sampling Date:

02/07/2024

Reported: Project Name: 02/09/2024

Sampling Type:

Soil Cool & Intact

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Number: Project Location: 2252

CIMAREX - LEA COUNTY, NEW MEXICO

WEST GAME RIDGE 8-5 FED COM CTB

Sample ID: BH - 5 (5') (H240594-36)

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	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Samplii
WEST GAME RIDGE 8-5 FED COM CTB Samplii

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (6') (H240594-37)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	69.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.3	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (7') (H240594-38)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (8') (H240594-39)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	<0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: 02/07/2024 02/09/2024 Sampling Type: Soil

Project Name: WEST GAME RIDGE 8-5 FED COM CTB Project Number: 2252

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 5 (9') (H240594-40)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.99	99.6	2.00	9.40	
Toluene*	< 0.050	0.050	02/08/2024	ND	2.00	100	2.00	9.41	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.96	98.2	2.00	10.1	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.92	98.7	6.00	9.26	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.8	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (10') (H240594-41)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (11') (H240594-42)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.0	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Applyzod By: 14

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Troject Editation: CIMANEX LEA COUNTY, NEW MEXIC

Sampling Date: 02/07/2024
Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (12') (H240594-43)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (13') (H240594-44)

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	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (14') (H240594-45)

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

Sample ID: BH - 5 (15') (H240594-46)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	183	91.6	200	6.42	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	185	92.5	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (16') (H240594-47)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (17') (H240594-48)

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024
Sampling Type: Soil

Project Name:

BTEX 8021B

02/09/2024 Sampling Type: So WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Co

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 5 (18') (H240594-49)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (19') (H240594-50)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Ty WEST GAME RIDGE 8-5 FED COM CTB Sampling Co

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 5 (20') (H240594-51)

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (0-1') (H240594-52)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (2') (H240594-53)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (3') (H240594-54)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (4') (H240594-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 6 (5') (H240594-56)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Type: Soil

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 6 (6') (H240594-57)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024
Sampling Type: Soil

Project Name:

BTEX 8021B

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 6 (7') (H240594-58)

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Analyzed By: JH

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Cool & Intact

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: 02/07/2024 02/09/2024 Sampling Type: Soil

Sampling Condition:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: Sample Received By: 2252 Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 6 (8') (H240594-59)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
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	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 7 (0-1') (H240594-60)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.88	93.9	2.00	8.41	
Toluene*	<0.050	0.050	02/08/2024	ND	1.90	95.2	2.00	8.12	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.90	94.9	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.65	94.2	6.00	7.96	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: 02/07/2024 02/09/2024 Sampling Type: Soil

Project Name:

WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Cool & Intact Project Number: 2252 Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (2') (H240594-61)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 7 (3') (H240594-62)

Limit Analyzed 0 02/08/2024 0 02/08/2024 0 02/08/2024	Method Blank ND ND	BS 1.81 1.83	% Recovery 90.7 91.6	True Value QC 2.00	RPD 8.19	Qualifier
02/08/2024	ND			2.00	8.19	
		1.83	01.6			
02/08/2024			91.0	2.00	8.99	
	ND	1.92	96.2	2.00	9.63	
02/08/2024	ND	5.67	94.5	6.00	9.02	
02/08/2024	ND					
71.5-134						
Analyz	Analyzed By: HM					
Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
02/08/2024	ND	432	108	400	3.64	
Analyz	ed By: MS					
Limit Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
02/08/2024	ND	196	97.8	200	0.813	
02/08/2024	ND	211	105	200	4.57	
02/08/2024	ND					
48.2-134						
,	Analyzed Limit Analyzed 02/08/2024 02/08/2024	Analyzed By: MS Limit Analyzed Method Blank 02/08/2024 ND 02/08/2024 ND 02/08/2024 ND	Analyzed By: MS Limit Analyzed Method Blank BS 02/08/2024 ND 196 02/08/2024 ND 211 02/08/2024 ND	Analyzed By: MS Limit Analyzed Method Blank BS % Recovery 02/08/2024 ND 196 97.8 02/08/2024 ND 211 105 02/08/2024 ND	Analyzed By: MS Limit Analyzed Method Blank BS % Recovery True Value QC 02/08/2024 ND 196 97.8 200 02/08/2024 ND 211 105 200 02/08/2024 ND	Analyzed By: MS Limit Analyzed Method Blank BS % Recovery True Value QC RPD 02/08/2024 ND 196 97.8 200 0.813 02/08/2024 ND 211 105 200 4.57 02/08/2024 ND

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 7 (4') (H240594-63)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Type: Soil
Sampling Condition: Cool & Intact

Project Number: 2252

Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (5') (H240594-64)

BTEX 8021B

	9/	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Analyzed By: JH

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Celeg & Freene



Cool & Intact

Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

 02/07/2024
 Sampling Date:
 02/07/2024

 02/09/2024
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB
Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (6') (H240594-65)

BTEX 8021B

	9,	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

Analyzed By: JH

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

95.7%

48.2-134

Surrogate: 1-Chlorooctane

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02/07/2024

Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: Soil WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Cool & Intact

Analyzed By: JH

Sampling Date:

Sample Received By:

Project Name: Project Number: 2252

Project Location:

CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (7') (H240594-66)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	196	97.8	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	211	105	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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02/07/2024

Cool & Intact

Soil

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/07/2024 Sampling Date: 02/09/2024 Sampling Type:

Sampling Condition:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252 Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (8') (H240594-67)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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02/07/2024

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type: Soil

Project Name: WEST Project Number: 2252

WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sampling Date:

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 7 (9') (H240594-68)

RTFY 8021R

B1EX 8021B	mg	/ Kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PI.	D 107	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	18						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	18						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 7 (10') (H240594-69)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB

Applyzod By: 14

Sampling Date:

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Soil Sampling Condition: Cool & Intact Sample Received By:

02/07/2024

Tamara Oldaker

Sample ID: BH - 8 (0-1') (H240594-70)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
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	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024
Sampling Type: Soil

Project Name:

RTFY 8021R

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Applyzod By: 14

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 8 (2') (H240594-71)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
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	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						
-									

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 8 (3') (H240594-72)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: Project Name:

BTEX 8021B

02/09/2024 Sampling Type: Soil
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Coo

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 8 (4') (H240594-73)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024 Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: BH - 8 (5') (H240594-74)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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Cool & Intact

Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

 02/07/2024
 Sampling Date:
 02/07/2024

 02/09/2024
 Sampling Type:
 Soil

Sampling Condition:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB
Project Number: 2252

Project Number: 2252 Sample Received By:

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 9 (0-1') (H240594-75)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 9 (2') (H240594-76)

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	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling T WEST GAME RIDGE 8-5 FED COM CTB Sampling C

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 9 (3') (H240594-77)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date:

02/07/2024

Project Name:

02/09/2024

Sampling Type:

Soil Cool & Intact

2252

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Number: Project Location:

CIMAREX - LEA COUNTY, NEW MEXICO

WEST GAME RIDGE 8-5 FED COM CTB

Sample ID: BH - 9 (4') (H240594-78)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Soil

Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 9 (5') (H240594-79)

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	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported: 02/09/2024

Sampling Date: Sampling Type:

Soil

Project Name: WEST GAME RIDGE 8-5 FED COM CTB Project Number: 2252

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

02/07/2024

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 10 (0-1') (H240594-80)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	1.81	90.7	2.00	8.19	
Toluene*	<0.050	0.050	02/08/2024	ND	1.83	91.6	2.00	8.99	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	1.92	96.2	2.00	9.63	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	5.67	94.5	6.00	9.02	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 10 (2') (H240594-81)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	QR-03
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 10 (3') (H240594-82)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BH - 10 (4') (H240594-83)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Sample Received By:

02/07/2024

Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Sampling Date:

Reported: 02/09/2024 Sampling Type: Soil
Project Name: WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition: Cool & Intact

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 10 (5') (H240594-84)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 02/08/2024	Method Blank	BS 432	% Recovery	True Value QC 400	RPD 0.00	Qualifier
·		16.0	02/08/2024			•	·		Qualifier
Chloride	16.0	16.0	02/08/2024	ND		•	·		Qualifier Qualifier
Chloride TPH 8015M	16.0 mg/	16.0 ' kg	02/08/2024 Analyze	ND d By: MS	432	108	400	0.00	
Chloride TPH 8015M Analyte	16.0 mg/	16.0 (kg Reporting Limit	02/08/2024 Analyze Analyzed	ND d By: MS Method Blank	432 BS	108 % Recovery	400 True Value QC	0.00	

Analyzed By: JH

Surrogate: 1-Chlorooctane 106 % 48.2-134
Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: 02/07/2024 Sampling Type:

Soil

Project Name:

BTEX 8021B

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

mg/kg

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number: Project Location: 2252

CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 11 (0-1') (H240594-85)

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024
Sampling Type: Soil

Reported: Project Name:

BTEX 8021B

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Analyzed By: JH

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 11 (2') (H240594-86)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	210	105	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	202	101	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024 Sampling Date: 02/07/2024
Sampling Type: Soil

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Soil Cool & Intact

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 11 (3') (H240594-87)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024

Sampling Date: 02/07/2024

Reported: 02/09/2024
Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Type: Soil

Project Number: 2252

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 11 (4') (H240594-88)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Sampling Date:

Reported: 02/09/2024 Project Name: WEST GAME RIDGE 8-5 FED COM CTB Sampling Type: Soil

Project Number: 2252 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

02/07/2024

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 11 (5') (H240594-89)

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	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Ty

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 12 (0-1') (H240594-90)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Applyzod By: 14

Project Name: WEST GAM
Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

02/07/2024

Sampling Date:

Sample ID: BH - 12 (2') (H240594-91)

RTFY 8021R

Result <0.050 <0.050 <0.050	0.050 0.050	Analyzed 02/08/2024 02/08/2024	Method Blank ND ND	BS 2.13	% Recovery	True Value QC 2.00	RPD 5.21	Qualifier
<0.050 <0.050	0.050	, ,				2.00	5.21	
<0.050		02/08/2024	ND	2 22				
	0.050			2.23	111	2.00	0.839	
-0.150	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
< 0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
<0.300	0.300	02/08/2024	ND					
109	% 71.5-13	4						
mg	/kg	Analyze	d By: CT					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	02/08/2024	ND	432	108	400	0.00	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
	10.0	02/08/2024	ND					
<10.0	10.0	02/00/2024	ND					
<10.0			IND					
_	Result 32.0 mg Result <10.0 <10.0	mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed 32.0 16.0 02/08/2024 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: CT Result Reporting Limit Analyzed Method Blank 32.0 16.0 02/08/2024 ND Manalyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	mg/ky Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS 32.0 16.0 02/08/2024 ND 432 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS % Recovery 32.0 16.0 02/08/2024 ND 432 108 Ms Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 32.0 16.0 02/08/2024 ND 432 108 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: CT Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 32.0 16.0 02/08/2024 ND 432 108 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 12 (3') (H240594-92)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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Cool & Intact

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

Sampling Date: 02/07/2024 02/09/2024 Sampling Type: Soil

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Project Number: Sample Received By: 2252 Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 12 (4') (H240594-93)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	< 0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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02/07/2024

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Reported:

02/09/2024 Sampling Type: Soil

Sampling Date:

Project Name: WEST GAME RIDGE 8-5 FED COM CTB

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 12 (5') (H240594-94)

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	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

WEST GAME RIDGE 8-5 FED COM CTB

Project Number: 2252

Project Name:

RTFY 8021R

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 13 (0-1') (H240594-95)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 S WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 13 (2') (H240594-96)

RTFY 8021R

BIEX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	< 0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	< 0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 WEST GAME RIDGE 8-5 FED COM CTB

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sampling Date: 02/07/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 13 (3') (H240594-97)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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02/07/2024

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received: 02/07/2024 Reported: 02/09/2024

02/09/2024 Sampling Type:
WEST GAME RIDGE 8-5 FED COM CTB Sampling Condition:

Analyzed By: JH

Sampling Date:

Project Name: WEST Project Number: 2252

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

97.9 %

49.1-148

Project Number: 2252 Sample Received By:

Sample ID: BH - 13 (4') (H240594-98)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
2.10 - 020 020									
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 02/07/2024 Sampling Date: 02/07/2024

Reported: 02/09/2024 Project Name: WEST GAME RIDGE 8-5 FED COM CTB Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 2252 Sample Received By: Tamara Oldaker

Project Location: CIMAREX - LEA COUNTY, NEW MEXICO

Sample ID: BH - 13 (5') (H240594-99)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2024	ND	2.13	107	2.00	5.21	
Toluene*	<0.050	0.050	02/08/2024	ND	2.23	111	2.00	0.839	
Ethylbenzene*	<0.050	0.050	02/08/2024	ND	2.37	118	2.00	0.802	
Total Xylenes*	<0.150	0.150	02/08/2024	ND	7.13	119	6.00	1.29	
Total BTEX	<0.300	0.300	02/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	207	103	200	0.822	
DRO >C10-C28*	<10.0	10.0	02/08/2024	ND	190	95.2	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/08/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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					*	Au-1 (10)	AH-1 (9')	AH-1 (8')	AH-1 (7')	AH-1 (6')	AH-1 (5')	AH-1 (4')	AH-1 (3')	AH-1 (2')	O AH-1 (0-1)	Sample Identification	Containers:	e Custody Seals:	Custody Seals:	ved Intact:	PLE RECEIPT		ler's Name:	ot Location	ct Number:	Name:	e: 4 :	State ZIP: M	ess:	pany Name: C	ct Manager: A	
	N N	Reli) :		(mstor										3	cation		Yes No		(Yes)		-	רבש כים	182 0	2252	West Gama F	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Ashton Thielke	*
		Relinquished by: (Signature)			3	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	Date		CWA.	NIA	No	Temp Blank:		GPJ:	Minty Now M	2252	Ridge 8 5 Eq		01	ite 500	ırces		
	,	(Signature)			Just											Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No		exico			d Com CTB						
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					ed San	G	6	G	9	G	G	9	G	G	G	Water Comp	1	330	1	140	Yes No		48 hr.	E KUSN	Turn Around		il loci luia@oct	City State ZID	Address:	Company Name:	Bill to: (if different)	
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	Merca	Re		£	ses.		+	+	+	+	+	+	+	+	+										ANALYSIS REQUEST							
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		(Signature)		46/8	•		+	+	+	+	+	+	+	+	+											Deliverables: EDD L	Reporting:Level III	oi r ioject.	State of Project:			\$
	8	,					+	+	+	+	+	+			+		_										vel III		PRP	Work	Wark	Work Order No:
									+	-		 	1	-			NaOr	75 0	Na S	H ₃ PC	H ₂ SC	HCL: HC	Cool:	None		ADaPT 🗆	LST/UST]	rownfields	Work Order Comments	2	
+		Da														Sample Comments	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	otata Masos	Narson Nason	H ₃ PO ₄ : HP	H ₂ SO ₄ : H ₂	HC	Cool: Cool	None: NO	Preservat	Other:	RRP]	s RC	ments	rage1_	MAW
		Date/Time														omments	H: Zn Acid: SAPC	1. 7			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes		Level IV]	perfund]	of1	6
																								120								Page 102 of

	3			*	Comments:	AH-3 (0-1")	AH-2 (8')	AH-2 (7')	AH-2 (6')	AH-2 (5')	AH-2 (4")	AH-2 (3")	AH-2 (2")	O AH-2 (0-1)	* Sample Identification	Total Containers:	Total Containing	Sample Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:		Project Manager:		
) I No	Dolla	Customer													s: Yes No	Yes	Yes	Temp			Lea Cou		West Gama Ridge 8-5 Fed Com CTB	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources) incline	Ashton Thielke		
		reminduished by, (algnature)	Parishad Land	res I	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2924	2/7/2024	2/7/2024	2/7/2024	2/7/2024	Date	0	W/A	NIA	No			GPJ	Lea County, New Mexico	2252	idge 8-5 Fed		1	e 500	ces				
		oignature)		egues											Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			xico		Com CTB								
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				Samp	G	9	G	G	G	G	G	G	G	G	Water Comp	1	30,30)	140	(Yes) No			48 hr.	☑ Rush	Turn Around	Email: laci.luig@coterra.com ashton.thielke@coterra.com	City, State ZIP	Address:	Company Name:	Bill to: (if different)	2		
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	MA	R		0 2/8/24			1	1		#	+		1					-							ANALYSIS REQUEST								
		Received by; (Signature)		8/24	\vdash	+	+	+	+	+	+	+	+	+		_	_						+	-	REQUES	Del	Re	Sta	Pro				
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		1			П	1	1	1	1	#	ļ	+	1	1									\downarrow			□			R	Work Or		Work Order No:	
×					H	+	+	+	+	+	+	+	+			NaO	Zn A	Na ₂ S	Z Z	H ₃ P(H,SI	L 00	3	Non		ADaPT 🗆	□ST/UST		rownfields	Work Order Comments		1	
\dagger	+														Sample	H+Ascorb	Zn Acetate+NaOH: 7n	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO: NARIS	H ₃ PO ₄ : HP	H-SO. H-	Cool. Cool		None: NO		Other:	RRP		s RC	ments	Page	13	
		Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPC	OH: Zu	o s	n	NaOn. Na	NaOH: Na	MeOH: Me	DI WE	r reservative codes)	ä	Level IV		9 nerfund		2 of_	8	
		ē													nts	PC				Na	N IN	: Me	DI VValei. n ₂ O	to: U O			e ₹		fund		10		
																																Page 103 of 11	<u> </u>

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		- (omments:			1	A	A	A	AF	AF	2	* Sample	Ic	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:		
		* Cue	M1-4 (4)	4 (47)	AH-4 (2')	MH-4 (0-1)	AH-3 (8')	AH-3 (7')	AH-3 (6')	AH-3 (5')	AH-3 (4")	AH-3 (3')	Sample Identification		Seals:	Seals:		CEIPT					Wes	432-813-8988	Midland	310 W		Ashton Thielke		
	Relinquished	ustoner	2/7/2024	21112024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	Date		Yes No N/A	Yes No N/A	(Yes) No	Temp Blank:		GPJ	Lea County, New Mexico	2252	West Gama Ridge 8-5 Fed Com CTB	8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Thielke	¥°.	
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		Bamp	G	G	G	G	G	6	G	G	G	G	Water Comp	1	3.38		~ ~	Yes No		40 111.	48 hr	☑ Rush	Turn Around		City, State ZIP	Address:	Company Name	Bill to: (if different)		
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Company Name: Project Manager:

Carmona Resources Ashton Thielke

Bill to: (if different) Company Name:

Laci Luig Cimarex Energy

Work Order Comments

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Page 105 of 111

	Chain of Custody
Work Order No:	
H240594	

		2/21/2024	Comments:	1		_	I				_	3	*	Total Containers	Sample C	Cooler Cu	Received Intact:	SAMPL	PO#:	Sampler's Name	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP	Address:	Compan
		7	701-3 (a)	AH-5 (8')	AH-5 (7')	AH-5 (6')	AH-5 (5')	AH-5 (4")	AH-5 (3')	AH-5 (2')	AH-5 (0-1)	AH-4 (5')	Sample Identification	tainers:	Sample Custody Seals:	Cooler Custody Seals:	Intact	SAMPLE RECEIPT		s Name:	ocation	umber:	lame:				y ivallic.
		15m)		ت ا	3	33	33	5	3')	2)	-1')	5')	ification		s: Yes	: Yes					Le		West Ga	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Callifolia Resources
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	Dat												Sample Comments	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	푸					ervati		Other:	RRP	72	
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		×	_	G	×		2/7/2024	19")	MH-5 (19')
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_		RO)			4		GPJ		Sampler's Name:
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	ANAI YSIS REGIJEST			Turn Around	Turn .	ed Com CTB	West Gama Ridge 8-5 Fed Com CTB	West Gar	Project Name:
ADaPT Other:	oterra.com	hton.thielke@c	a.com as	laci.luig@coterra.com ashton.thielke@coterra.com	Email:	Ber Allen	8	432-813-8988	Phone:
Reporting:Level III	- 1	Midland, TX 79706		City, State ZIP:			79701	Midland, TX 79701	City, State ZIP:
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MANUARO W	/ Received by:	Chauses.																					ANAI YSIS REQUEST	. ,		Suite 300N			
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		* (AH-10 (0-1')	AH-9 (5')	AH-9 (4")	AH-9 (3')	AH-9 (2")	AH-9 (0-1")	AH-8 (5')	AH-8 (4')	AH-8 (3')	(Z) 8-HA	* Sample Identification	Total Collidillers.	Total Container:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 432	ate ZIP:		Name:				
	Relinquished by: (Signature)	ustoner	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	50.00		res No (N/A)		0	(Yes) No	Temp Blank:		GPJ	Lea County, New Mexico	2252	West Gama Ridge 8-5 Fed Com CTB	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	ASIIIOII I NIEIKE	hton Thielke		
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				фн-12 (0-1)	AH-11 (5')	AH-11 (4')	AH-11 (3')	AH-11 (2")	AH-11 (0-1')	AH-10 (5')	AH-10 (4')	AH-10 (3')	AH-10 (2')	* Sample Identification	otal Containers:	ample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	O#:	Sampler's Name:	oroject Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:			
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			803	G	G	G	G	G	G	G	G	G	9	Water Comp		3,2,0	1	140	Yes No		48 Nr.	40	☑ Rush	Turn Around	laci.luig@coterra.com ashton.thielke@coterra.com	City, State ZIP:	Address:	Company Name	Bill to: (if different)			
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		Date/Time												Sample Comments	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	Za Apotata Madous	NacS-O-: NASO-	Nauso Nasio	4: H ₂ NaOH: Na		Cool: Cool MeOH: Me	NO DI Water: H ₂ O	ervati		a	RRP Level IV		RC Ineffind		Page 9 of 10	H24059	
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			*	monte:	AH-13 (5')	AH-13 (4')	AH-13 (3')	AH-13 (2')	AH-13 (0-1')	AH-12 (5')	AH-12 (4')	AH-12 (3')	AH-12 (2')	cample Menuncation	100000	Il Containers:	ple Custody Seals:	ler Custody Seals:	eived Intact:	MPLE RECEIPT	#	npler's Name:	ect Location	ject Number:	ject Name:	one: 4	/, State ZIP: N	dress: 3	mpany Name: C	ject Manager: A					
		Relinquished by: (Signature)	Customer		2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	2/7/2024	Cauon Date		7		Yes No NA Co		Temp Blank:		GPJ ·	Lea County, New Mexico	2252	West Gama Ridge 8-5 Fed Com CTB	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Ashton Thielke					
		Signature)	regue		×	×	×	×	×	×	×	×	×	Time Soil		Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No Wet Ice			cico Due Date:	☐ Routine	Com CTB										
			te D 80		G	G	G	G	G	G	G	G	6	Water Comp	Grab/	100	200		140	e: Yes No			48 hr	☑ Rush	Turn Around	Email: laci.luig@coterr	City, State ZIP:	Address:	Company Name:	Bill to: (if different)				C	
	2-5-24 14	Date/Time	ample I		1 × × ×	×	×	×	×	×	+	+	1 × × ×	Cont			M (EX	B021	ORO 4		RO)		Pres. Code		laci.luig@coterra.com ashton.thielke@coterra.com	Midland, TX 79706	6001 Deauville Blvd,	Cimarex Energy	Laci Luig				Chain of Custody	
		/	-Deha																	-						oterra.com		Blvd, Suite 300N			,			ody	
	W WHATH	Received by; (Signature)	18/8/F 34														_								ANALYSIS REQUEST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST DRP	•			Work		
		Date/Time												Sample Comments	NaCH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	Na CO NACO	Nauco : Nabio	H_BO : HB		_		INDAID	8888	ADaPT Other:	vel III □ST/UST □RRP □Level IV		Prownfields DC		Page10 of		Work Order No: H34057		
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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 316251

QUESTIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1915746595
Incident Name	NAB1915746595 WEST GRAMA RIDGE 8 5 FEDERAL #002H @ 30-025-43554
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-43554] WEST GRAMA RIDGE 8 5 FEDERAL #002H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WEST GRAMA RIDGE 8 5 FEDERAL #002H
Date Release Discovered	05/14/2019
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 fo	or 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 Fitting Produced Water Released: 260 BBL Recovered: 60 BBL Lost: 200 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 316251

QUESTI	ONS (continued)
Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099 Action Number: 316251 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
UESTIONS	
ature 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.
ith 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.
nitial Response	
he responsible party must undertake the following actions immediately unless they could create a si	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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.

Name: Laci Luig Title: ES&H Specialist I hereby agree and sign off to the above statement Email: DL_PermianEnvironmental@coterra.com

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QUESTIONS, Page 3

Action 316251

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan 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	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

er the release discovery date. ursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
irsuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
irsuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
osed remediation plan in accordance with 19.15.29.12 NMAC,
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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 316251

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Site will be remediated/reclaimed during P/A activities. Site has been fully delineated and due to deep groundwater (>100') and no immediate risk to human health, the environment, or ground water. See closure report.

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.

Name: Laci Luig Title: ES&H Specialist I hereby agree and sign off to the above statement Email: DL_PermianEnvironmental@coterra.com Date: 02/21/2024

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

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

QUESTIONS, Page 5

Action 316251

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

District 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 6

Action 316251

QUESTIONS	(continued)
QUESTIONS:	COHUHUCU <i>i</i>

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	314961
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/07/2024
What was the (estimated) number of samples that were to be gathered	13
What was the sampling surface area in square feet	18000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Site will be remediated/reclaimed during P/A activities. Site has been fully delineated and due to deep groundwater (>100') and no immediate risk to human health, the environment, or ground water. See closure report.

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

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: ES&H Specialist
Email: DL_PermianEnvironmental@coterra.com
Date: 02/21/2024

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QUESTIONS, Page 7

Action 316251

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	316251
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 316251

CONDITIONS

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6001 Deauville Blvd	Action Number:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D. (1).(a) NMAC	4/12/2024