



SITE INFORMATION

**Closure Report
Horse 29 State #1H
Lea County, New Mexico
Incident ID: NAPP2228545175
Unit B Sec 30 T25S R34E
32.108063°, -103.506677°**

**Produced Water Release
Point of Release: Pinhole on Produced Water Line
Release Date: 07/09/2022
Volume Released: >5 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water**

CARMONA RESOURCES



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

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLE
APPENDIX B	PHOTOS
APPENDIX C	INITIAL & FINAL C-141 / NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	ENGINEERING PLAN
APPENDIX F	LABORATORY REPORTS

February 24, 2026

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

**Re: Closure Report
Horse 29 State #1H
EOG Resources, Inc
Incident # NAPP 2228545175
Site Location: Unit B, S30, T25S, R34E
(Lat 32.108063°, Long -103.506677°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources, Inc (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Horse 29 State #1H. The site is located at 32.108063, -103.506677 within Unit B, S30, T25S, 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 release was discovered on July 9, 2022, from a pinhole in a flowline. The release was originally internally reported as three (3) barrels of produced water released; after assessment, the release was approximated to be greater than five (5) barrels of produced water released. There were zero (0) barrels recovered. Refer to Figure 3. The initial C-141 form is attached in Appendix C.

On January 4, 2023, a work plan was approved by the OCD.

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 identified well is located approximately 1.12 miles Southeast of the site in S29, T25S, R34E and was drilled in 1880. The well has a reported depth to groundwater of 50' below ground surface (ft bgs). The other well is 1.14 miles Southeast of the site and has a reported depth to groundwater of 128' bgs and drilled in 1991. A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On December 29, 2020, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.102785, -103.502190. See Appendix D for the log.

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: 10,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On July 20, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) sample points (S-1 and S-2) and four (4) horizontal samples (H-1 through H-4) were advanced to depths ranging from the surface to 5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix F.

Vertical delineation was not achieved due to a dense geological formation.

Trenching Activities

On July 27, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Two (2) trenches (T-1 and T-2) were advanced to depths ranging from the surface to 11' bgs inside the release area to assess the vertical extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix F. See Table 1 for the analytical results.

Vertical delineation was not achieved due to mechanical limitations.

Drilling Activities

On August 10, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Two (2) boreholes (BH-1 and BH-2) were advanced to depths ranging from the surface to 65.0' bgs inside the release area to assess the vertical extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix F.

The results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

5.0 Remediation Activities

Carmona Resources personnel was onsite to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on February 13, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. In addition, Carmona Resources personnel followed an engineering plan to ensure health and safety during remediation activities. See Appendix E. The area of T-1/ BH-1 was excavated to a depth of 25' bgs, and the area of T-2/ BH-2 was excavated to a depth of 35' bgs. A total of 13 confirmation floor samples were collected, with six (6) confirmation floor samples (CS-1 through CS-6) from the 25' excavation area and seven (7) confirmation floor samples (CS-1 through CS-7) from the 35' excavation area. A total of 27 sidewall samples were collected, with ten (10) sidewall samples (SW-1 through SW-10) from the 25' excavation area

and seventeen (17) sidewall samples (SW-1 through SW-17) from the 35' excavation area, and three (3) interior sidewall samples (ISW-1 through ISW-3) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F. The excavation depths and confirmation sample locations are shown in Figure 4, sheets 1-4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 and Table 3.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A 20-mil liner was installed at a depth of 4.5' below the surface. Approximately 2,180 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and EOG formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC



Mike Carmona
Environmental Manager

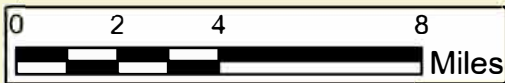
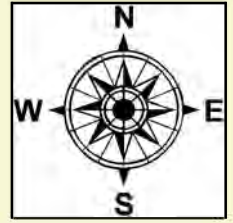
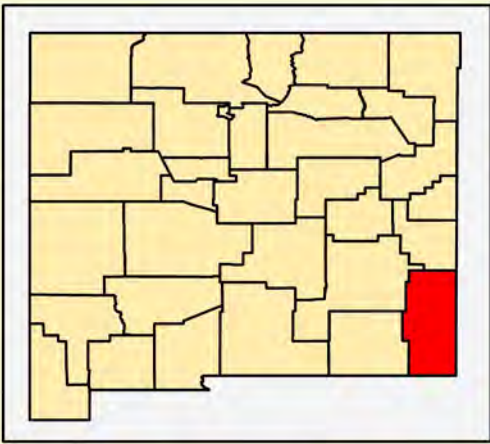


Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES






Legend

★ Site Location

**OVERVIEW MAP
EOG RESOURCES**
HORSE 29-1 FLOWLINE LEAK
LEA COUNTY, NEW MEXICO
32.108063, -103.506677

SCALE: As Shown Date: 8/16/2022

CARMONA RESOURCES 

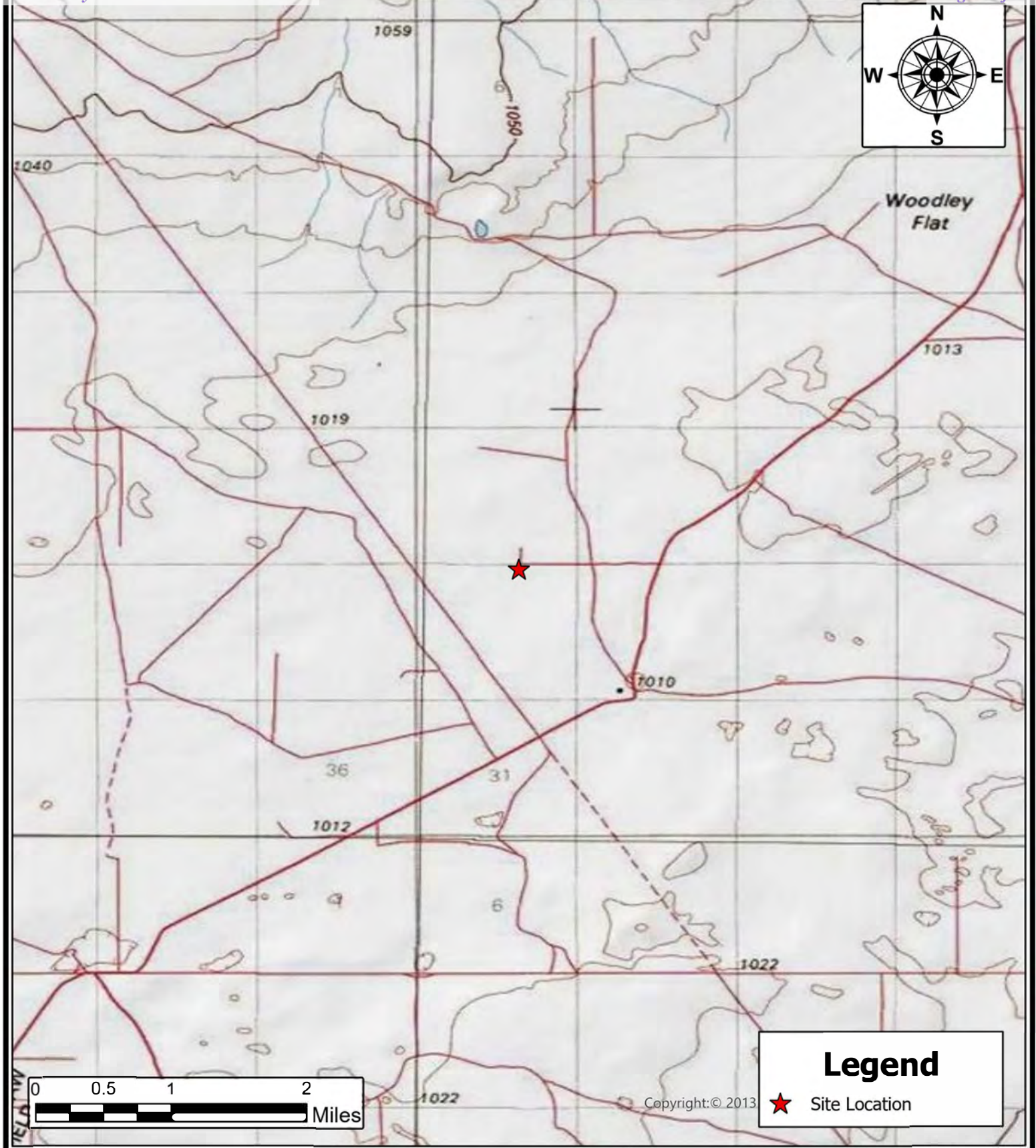
Carmona Resources
310 West Wall Street, Suite 500
Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1

SHEET NUMBER:
1 of 1



Legend

★ Site Location

Copyright:© 2013

TOPOGRAPHIC MAP
EOG RESOURCES
 HORSE 29-1 FLOWLINE LEAK
 LEA COUNTY, NEW MEXICO
 32.108063, -103.506677

SCALE: As Shown

Date: 8/16/2022

CARMONA RESOURCES



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NOTES:

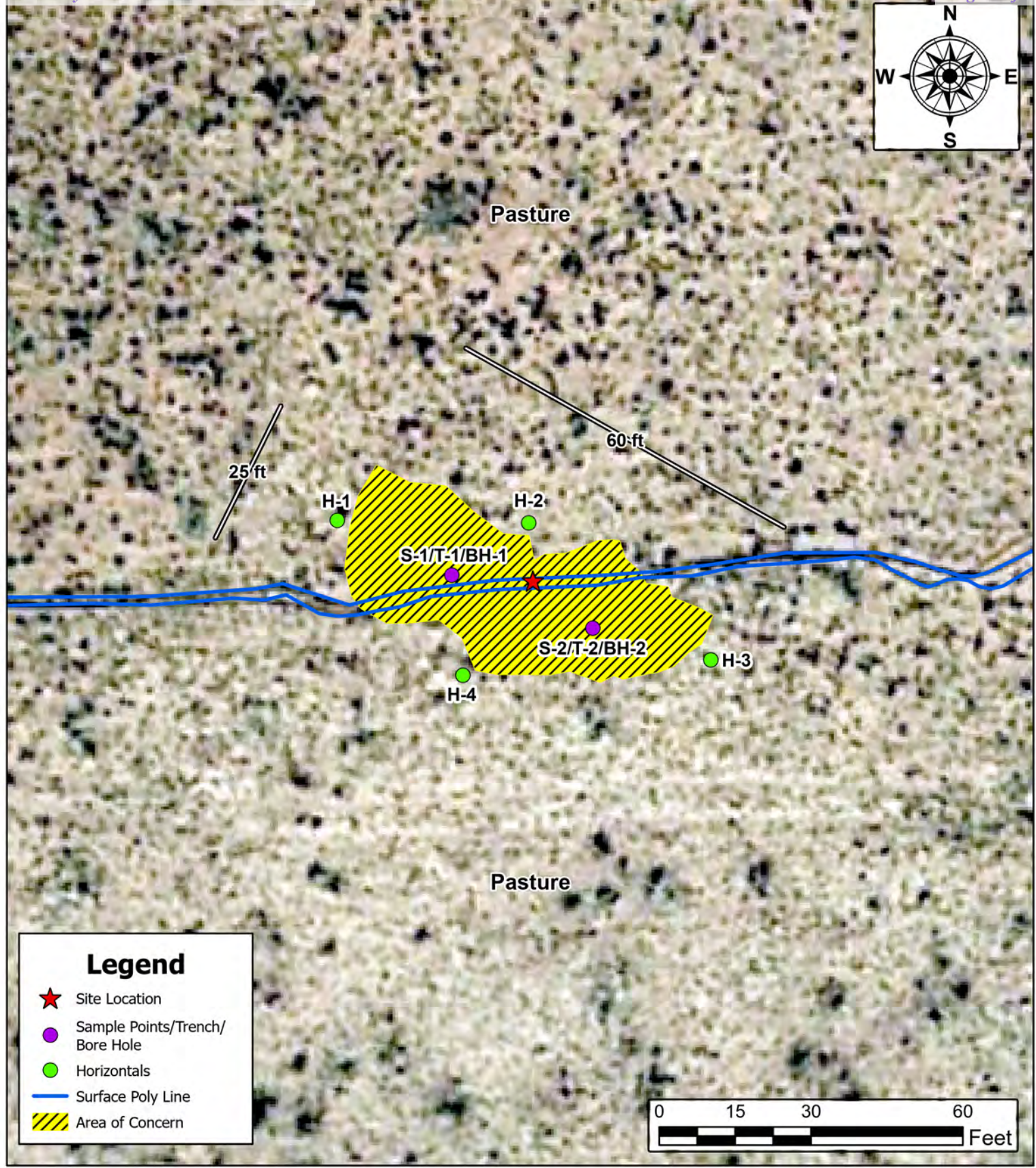
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2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

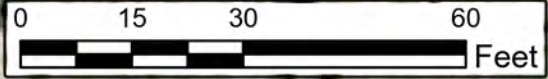
SHEET NUMBER:

1 of 1



Legend

- ★ Site Location
- Sample Points/Trench/
Bore Hole
- Horizontals
- Surface Poly Line
- Area of Concern



**SAMPLE LOCATION MAP
EOG RESOURCES
HORSE 29-1 FLOWLINE LEAK
LEA COUNTY, NEW MEXICO
32.108063, -103.506677**

SCALE: As Shown Date: 8/16/2022

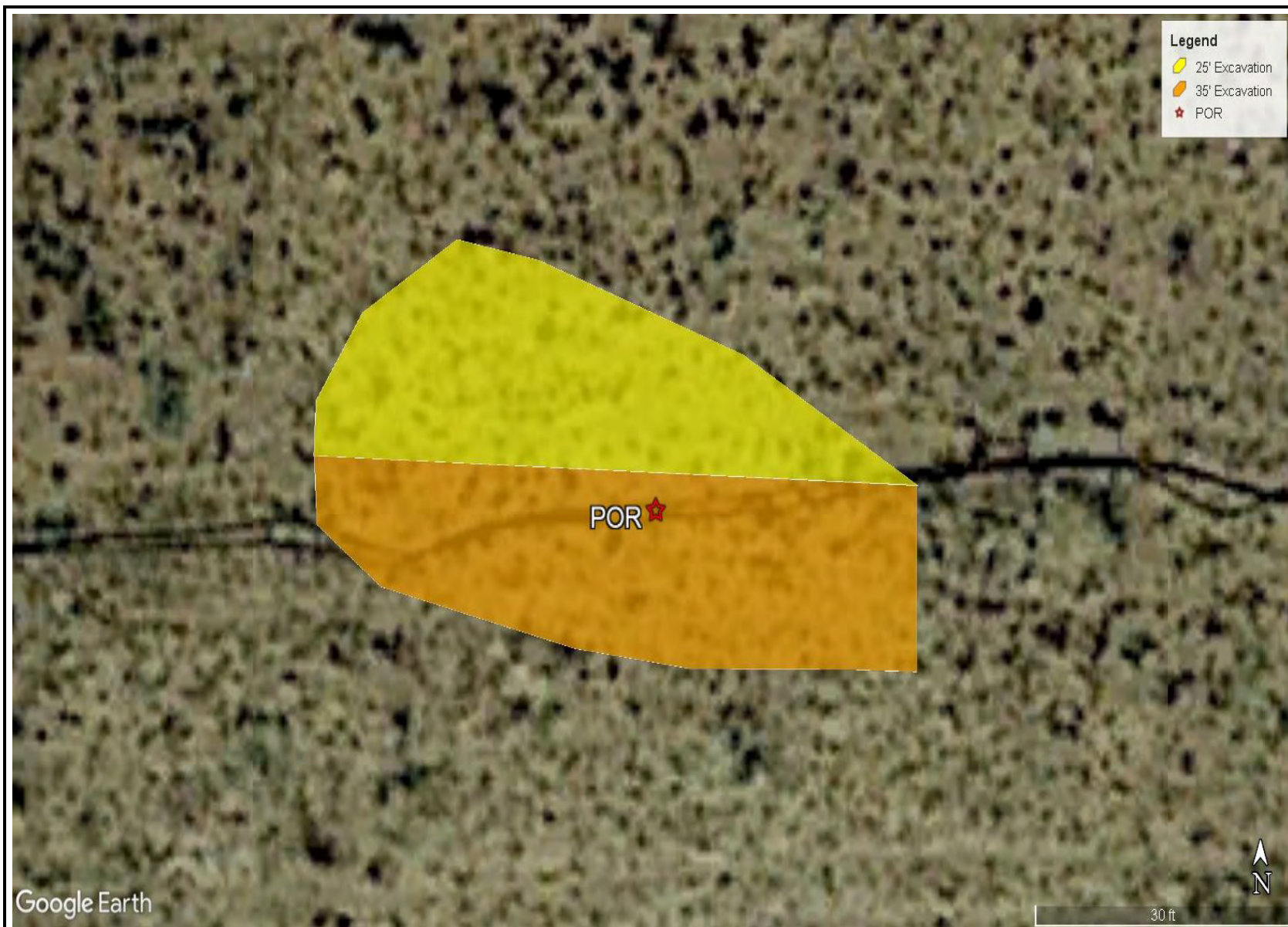

Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 3

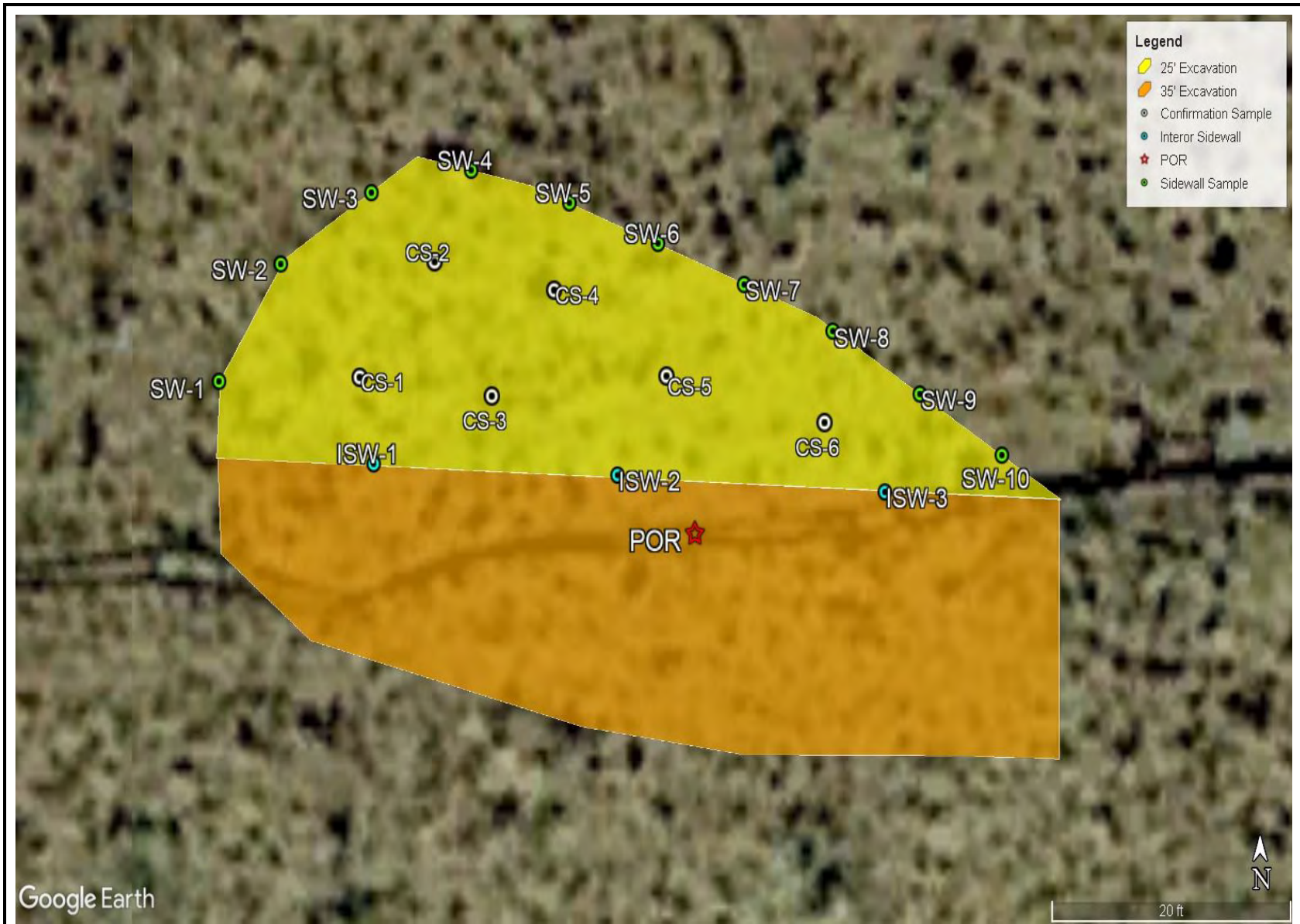
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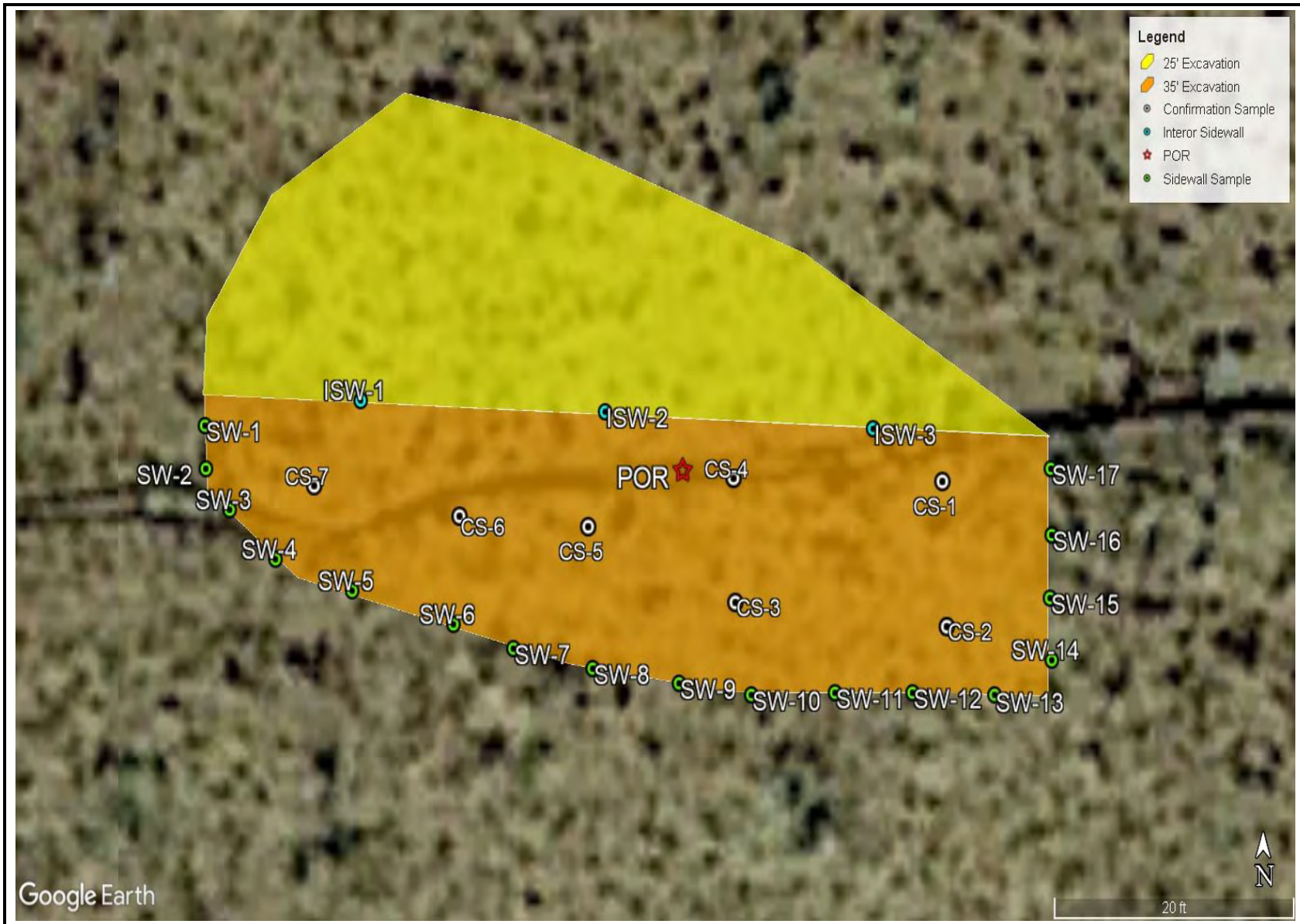
EXCAVATION DEPTH MAP OVERVIEW
EOG RESOURCES, INC.
HORSE 29-1 FLOWLINE LEAK
LEA COUNTY, NEW MEXICO
32.108063°, -103.506677°




FIGURE 4



<p>EXCAVATION DEPTH MAP EOG RESOURCES, INC. HORSE 29-1 FLOWLINE LEAK LEA COUNTY, NEW MEXICO 32.108063°, -103.506677°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4A</p>
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<p>EXCAVATION DEPTH MAP EOG RESOURCES, INC. HORSE 29-1 FLOWLINE LEAK LEA COUNTY, NEW MEXICO 32.108063°, -103.506677°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4B</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
EOG
Horse 29-1 Flowline Leak
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	7/20/2022	0-1	16,300	1,040	4,330	21,670	1.47	25.7	8.68	33.6	69.4	43,600
	"	1.0	13,100	710	4,060	17,870	1.08	18.8	6.56	24.9	51.4	46,400
	"	2.0	18,200	3,940	3,960	26,100	19.4	123	23.5	89.6	256	10,200
	"	3.0	23,200	4,670	5,290	33,160	24.9	158	34.5	131	349	12,000
	"	4.0	3,140	235	838	4,213	0.178	3.29	1.33	5.42	10.2	16,000
	"	5.0	1,680	154	419	2,253	0.249	4.29	1.63	6.51	12.7	18,000
T-1	7/27/2022	0-1	284	6,740	1,200	8,224	<0.050	<0.050	<0.050	4.44	4.44	19,000
	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16,200
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	18,200
	"	3.0	<10.0	781	168	949	<0.050	<0.050	<0.050	<0.150	<0.300	18,000
	"	4.0	10.3	45.5	18.5	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	19,600
	"	5.0	<10.0	10.6	<10.0	10.6	<0.050	<0.050	<0.050	<0.150	<0.300	20,000
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	18,400
	"	7.0	<10.0	21.1	<10.0	21.1	<0.050	<0.050	<0.050	<0.150	<0.300	34,800
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	20,000
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	20,800
	"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	21,600
	"	11.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	24,800
BH-1	8/10/2022	20.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	12,400
	"	25.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,200
	"	30.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,320
	"	35.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,930
	"	40.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,060
	"	45.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,720
	"	50.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,280
	"	55.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
	"	60.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,160
	"	65.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,320
Regulatory Criteria^A			1,000 mg/kg				2,500 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trench

(S) Soil Sample

(BH) Borehole

Removed

Table 1
EOG
Horse 29-1 Flowline Leak
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-2	7/20/2022	0-1	24,800	1,410	6,780	32,990	1.96	32.5	10.8	41.4	86.6	54,800
	"	1.0	11,500	594	3,520	15,614	0.997	20.2	7.51	29.5	58.2	39,600
	"	2.0	17,900	3,450	4,290	25,640	15.3	98.9	20.6	78.5	213	12,900
	"	3.0	285	17.3	84.5	387	<0.050	0.240	0.142	0.601	0.996	4,160
	"	4.0	374	17.2	94.3	486	<0.050	0.200	0.129	0.604	0.951	5,600
"	5.0	811	43.1	196	1,050	0.136	1.34	0.559	2.27	4.31	5,680	
T-2	7/27/2022	0-1	56.6	2,240	433	2,729	<0.050	<0.050	<0.050	0.965	0.965	15,200
	"	1.0	<10.0	35.0	30.9	65.9	<0.050	<0.050	<0.050	<0.150	<0.150	15,000
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	18,600
	"	3.0	<10.0	206	48.1	254	<0.050	<0.050	<0.050	<0.150	<0.300	19,400
	"	4.0	<10.0	11.5	<10.0	11.5	<0.050	<0.050	<0.050	<0.150	<0.300	22,400
	"	5.0	<10.0	132	21.3	153	<0.050	<0.050	<0.050	<0.150	<0.300	21,400
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	21,600
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	21,400
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	25,600
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	24,000
	"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	36,400
"	11.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	21,600	
BH-2	8/10/2022	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16,000
	"	15.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10,800
	"	20.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	13,600
	"	25.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10,000
	"	30.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	13,400
	"	35.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,600
	"	40.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,200
	"	45.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,860
	"	50.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,130
	"	55.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,680
"	60.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920	
"	65.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,520	
BG-1	8/10/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
	"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	15.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	20.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
H-1	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	0.086	<0.050	<0.150	<0.300	<16.0
H-2	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	0.052	0.085	<0.050	<0.150	<0.300	<16.0
H-3	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria ^A			1,000 mg/kg				2,500 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (T) Trench
 (H) Horizontal
 (S) Soil Sample
 (BH) Bore Hole
 (BG) Background
 Removed

Table 2
EOG Resources
Horse 29-1 Flowline Leak
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,880
CS-2	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,440
CS-3	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,280
CS-4	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,400
CS-5	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,160
CS-6	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,440
SW-1	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-2	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-3	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-4	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-5	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-6	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-7	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-10	2/9/2023	25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
Regulatory Criteria^A			1,000 mg/kg				2,500 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall Sample

**Table 3
EOG Resources
Horse 29-1 Flowline Leak
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,040
CS-2	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,320
CS-3	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,920
CS-4	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,440
CS-5	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,060
CS-6	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,800
CS-7	2/15/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,360
SW-1	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-2	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-3	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-4	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-5	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-6	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-7	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-8	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-9	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-10	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-11	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-12	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-14	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-15	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-16	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-17	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-18	2/17/2023	35	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
ISW-1	2/17/2023	10	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,240
ISW-2	2/17/2023	10	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.00402	4,320
ISW-3	2/17/2023	10	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.00404	3,920
<i>Regulatory Criteria^A</i>			1,000 mg/kg				2,500 mg/kg				50 mg/kg 10,000 mg/kg	

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (CS) Confirmation Sample
 (SW) Sidewall Sample
 (ISW) Interior Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View Northeast, areas of S-1/T-1/BH-1 and S-2/T-2/BH-2.



Photograph No. 2

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View Northeast, areas of S-1/T-1/BH-1 and S-2/T-2/BH-2.



Photograph No. 3

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View East, of drilling activities.



PHOTOGRAPHIC LOG

EOG Resources, Inc

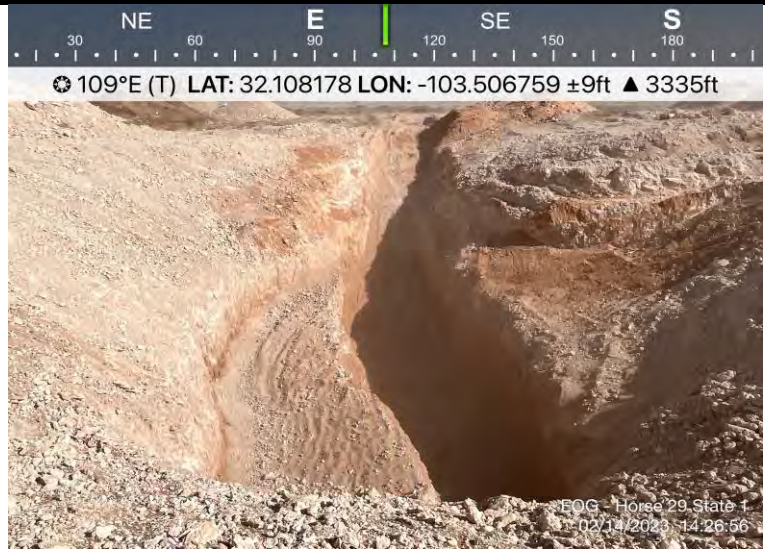
Photograph No. 4

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View East, area of 25' & 35' Excavation.



Photograph No. 5

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View West, area of 25' & 35' Excavation.



Photograph No. 6

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View East, area of 25' & 35' Excavation.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:
Sky Overview



Photograph No. 8

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:
Sky Overview



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 9

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View South, of the liner installed over the backfilled excavation at 4.5'



Photograph No. 10

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View East, of the liner installed at 4.5' from the surface.



Photograph No. 11

Facility: Horse 29 State #1H

County: Lea County, New Mexico

Description:

View East, of the backfilled excavation area.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone 432-848-9146
Contact email james_kennedy@eogresources.com	Incident # (assigned by OCD) nAPP2228545175
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.108063 Longitude -103.50667
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Horse 29 State #1H	Site Type Well site
Date Release Discovered 07/09/2022	API# (if applicable) 30-025-39633

Unit Letter	Section	Township	Range	County
D	29	25S	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) >5	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Loss of pressure on PW line, found small pinhole in flowline in pasture. Originally internally reported as 3 bbls, after assessment appears to be greater than 5 bbls.

State of New Mexico
Oil Conservation Division


Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Unknown volume
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No, did not know it was reportable until we assessed, and did the calculation for the soil.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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: <u>James F. Kennedy</u> Title: <u>Env Specialist</u> Signature: <u></u> Date: <u>10/12/2022</u> email: <u>james_kennedy@eogresouirces.com</u> Telephone: <u>432-258-4346</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	
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.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

State of New Mexico
Oil Conservation Division

Page 4

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: James Kennedy Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: _____ Title: _____
 Signature: James Kennedy Date: _____
 email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: Enviro, OCD, EMNRD
Sent: Monday, February 13, 2023 10:07 AM
To: Mike Carmona; Nobui, Jennifer, EMNRD; Bratcher, Michael, EMNRD
Cc: Conner Moehring; Gilbert Priego; James Kennedy
Subject: RE: [EXTERNAL] EOG-Horse 29 State #1H - Sampling Notification-Incident ID: NAPP2228545175

Mike,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Monday, February 13, 2023 8:55 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Conner Moehring <Cmoehring@carmonaresources.com>; Gilbert Priego <GilbertP@carmonaresources.com>; James Kennedy <James_Kennedy@eogresources.com>
Subject: [EXTERNAL] EOG-Horse 29 State #1H - Sampling Notification-Incident ID: NAPP2228545175

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

Good Morning,

On behalf of EOG, Carmona Resources will collect the remainder of the confirmation samples for the below-referenced site on 02/15/23 around 9:30 a.m. Mountain Time. Please let me know if you have any questions.

Horse 29 State #1H
Lea County, New Mexico
Incident ID: NAPP2228545175
Unit D Sec 29 T25S R34E
32.108063°, -103.506677°

From: Nobui, Jennifer, EMNRD
Sent: Friday, November 4, 2022 2:12 PM
To: Mike Carmona; Conner Moehring
Cc: Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] RE: EOG/Horse 29 State nAPP2228545175 - Remediation Plan info

Hi Mike

Were you also planning on collecting confirmation soil samples from the bottom and sidewalls?

Thanks
Jennifer Nobui

From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Friday, November 4, 2022 12:14 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Conner Moehring <Cmoehring@carmonaresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] RE: EOG/Horse 29 State nAPP2228545175 - Remediation Plan info

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

Good Afternoon,

Would 4.5' bgs for the liner placement suffice for both areas to prevent future migration?

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: [432-813-1992](tel:432-813-1992)
Mcarmona@carmonaresources.com



From: [Nobui, Jennifer, EMNRD](#)
Sent: Friday, November 4, 2022 1:11 PM
To: [Mike Carmona](#); [Conner Moehring](#)
Cc: [Bratcher, Michael, EMNRD](#)
Subject: EOG/Horse 29 State nAPP2228545175 - Remediation Plan info

Hello Mike and Conner

I have reviewed your Remediation Plan for the above-referenced site and wanted to know at what depth the Liner will be placed at for both sections of the excavation.

Thanks for your assistance.

Jennifer Nobui, PG • Environmental Specialist A
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113
505.470-3407 | Jennifer.Nobui@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

APPENDIX D

CARMONA RESOURCES



Groundwater Determination Bore

EOG Resources
Horse 29-1
Lea County, New Mexico
32.102785, -103.502190

Legend [Page 33 of 211](#)

- 0.50 Mile Radius
- EOG - Horse 29-1
- GWDB - 55'



NEAREST WATER WELL

EOG RESOURCES

Legend

- 0.50 Mile Radius
- 1.12 Miles
- 1.41 Miles
- Horse 29-1
- NMSEO Water Well
- USGS Water Well





Brownbear loading station

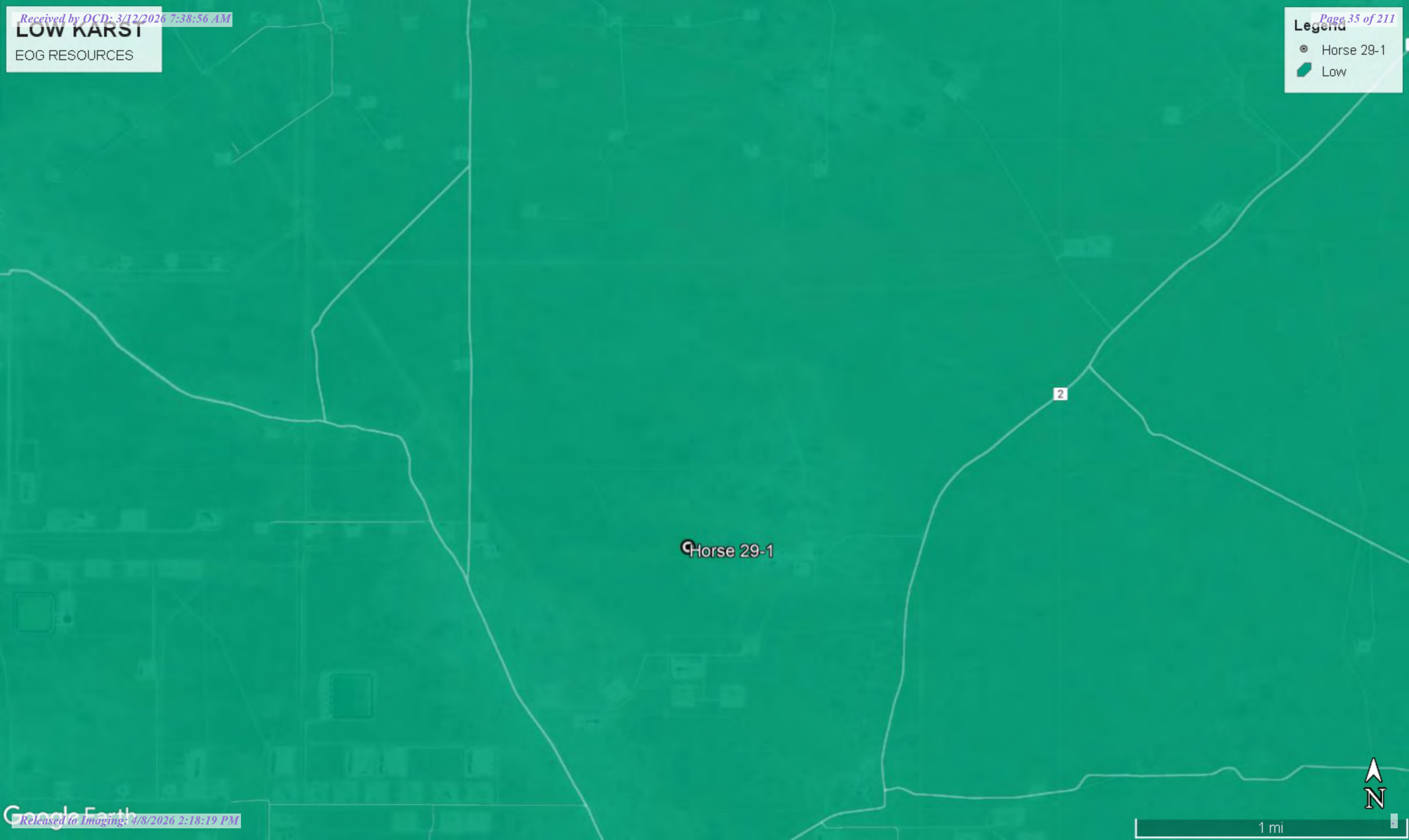
ANDX Brown Bear TUL

4000 ft

LOW KARST
EOG RESOURCES

Legend

-  Horse 29-1
-  Low



1 mi





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02316	CUB	LE		3	4	3	29	25S	34E	642003	3551967*	1797	100	50	50
C 02317	CUB	LE		3	4	3	29	25S	34E	642003	3551967*	1797	100	50	50
C 02291	CUB	LE		1	1	2	06	26S	34E	640825	3550140*	3254	220	160	60
C 03441 POD1	C	LE		4	1	2	06	26S	34E	640971	3550039	3353	250		
C 03442 POD1	C	LE		4	1	2	06	26S	34E	641056	3550028	3368	251		
C 02292 POD1	CUB	LE		4	1	2	06	26S	34E	640992	3549987	3406	200	140	60
C 04628 POD1	CUB	LE		1	1	2	01	26S	33E	639121	3550219	3643			
C 02373 S	CUB	LE		1	2	1	13	25S	33E	638721	3556549*	3840	625	185	440
C 02373 CLW317846	O CUB	LE		2	1	1	13	25S	33E	638518	3556544*	3955	625	185	440

Average Depth to Water: **128 feet**
 Minimum Depth: **50 feet**
 Maximum Depth: **185 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 640909.43

Northing (Y): 3553392.96

Radius: 4000

*UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
		Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02316	3	4	3	29	25S	34E	642003	3551967*

Driller License:		Driller Company:	
Driller Name:	UNKNOWN		
Drill Start Date:	01/01/1880	Drill Finish Date:	06/30/1880
Log File Date:		PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:	6.50	Depth Well:	100 feet
		Plug Date:	
		Source:	
		Estimated Yield:	60 GPM
		Depth Water:	50 feet

*UTM location was derived from PLSS - see Help

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

7/25/22 8:36 AM

POINT OF DIVERSION SUMMARY



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 320523103294401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320523103294401 25S.34E.29.343322

Lea County, New Mexico
 Latitude 32°05'23", Longitude 103°29'44" NAD27
 Land-surface elevation 3,321 feet above NAVD88
 The depth of the well is 165 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1970-12-08			D 62610		3192.28	NGVD29	1		Z	
1970-12-08			D 62611		3193.85	NAVD88	1		Z	
1970-12-08			D 72019	127.15			1		Z	
1976-01-08			D 62610		3191.94	NGVD29	1		Z	
1976-01-08			D 62611		3193.51	NAVD88	1		Z	
1976-01-08			D 72019	127.49			1		Z	
1981-03-25			D 62610		3187.33	NGVD29	1		Z	
1981-03-25			D 62611		3188.90	NAVD88	1		Z	
1981-03-25			D 72019	132.10			1		Z	
1986-03-12			D 62610		3189.20	NGVD29	1		Z	
1986-03-12			D 62611		3190.77	NAVD88	1		Z	
1986-03-12			D 72019	130.23			1		Z	
1991-06-06			D 62610		3190.92	NGVD29	1		Z	
1991-06-06			D 62611		3192.49	NAVD88	1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source measu
1991-06-06		D	72019	128.51			1	Z		

Explanation

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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
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Accessibility FOIA Privacy Policies and Notices

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

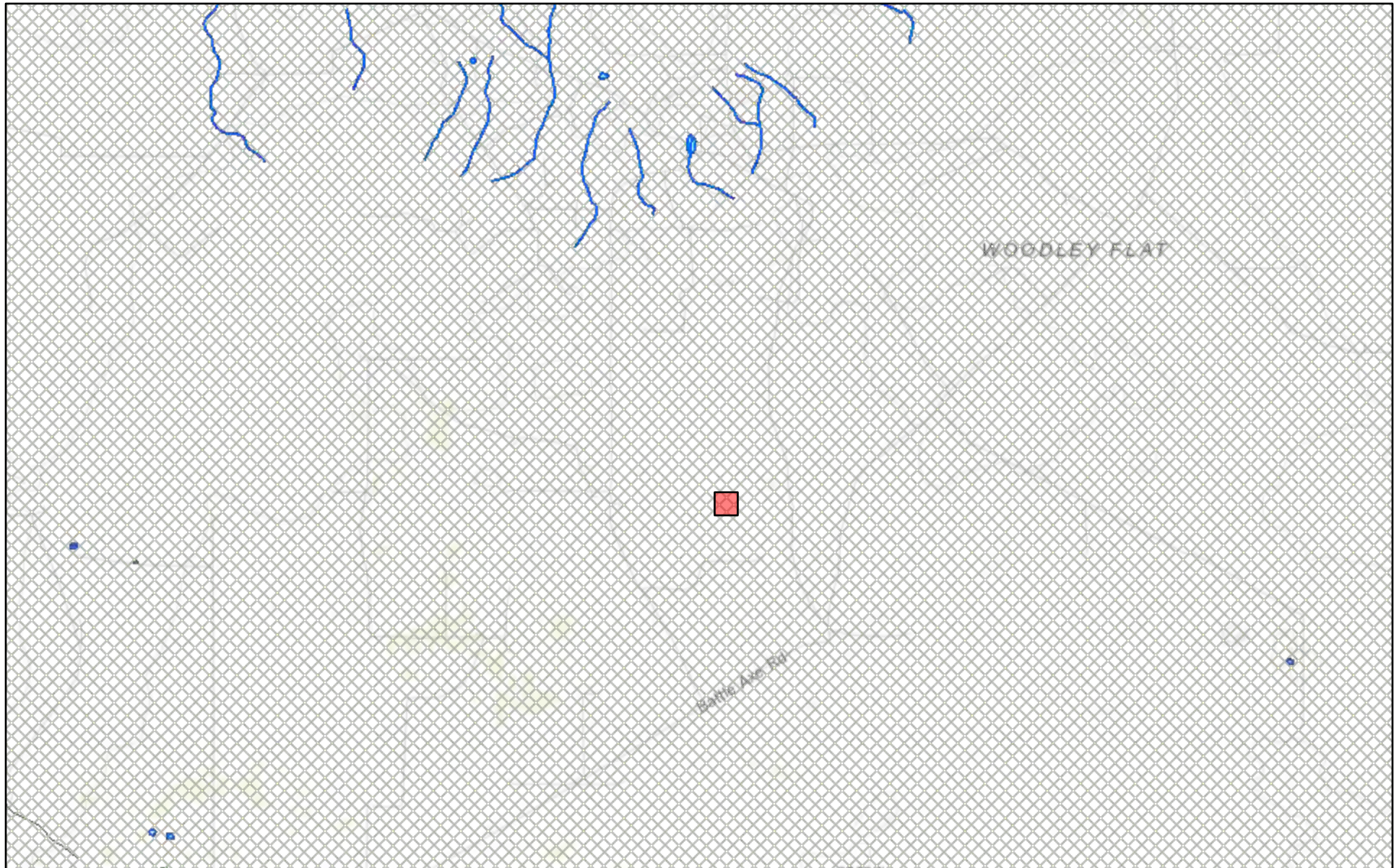


Page Contact Information: [New Mexico Water Data Maintainer](#)

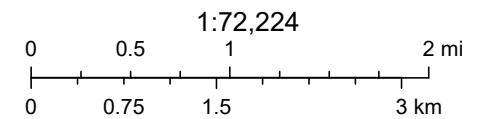
Page Last Modified: 2022-07-25 10:38:39 EDT

0.34 0.3 nadww01

New Mexico NFHL Data



July 25, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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SCARBOROUGH DRILLING, INC.

TEST HOLES • WATER WELLS
 P.O. Box 305 - Ph. 806-872-3285 or 872-9349
 LAMESA, TEXAS 79331
 2001 South Hwy. 87

WELL LOG

From	To	FORMATION
0	6	Top Soil
6	18	Caliche
18	28	Sand
28	55	Red Shale & Red Clay
		BH-1
		EOG Fox 30
		Plugged w/ Hole Plug
		32, 102785, -103, 52190

Date 12-29-2020 Driller *Tom Scarborough*
GIBBS PRINTING CO. LAMESA, TX

APPENDIX E

CARMONA RESOURCES



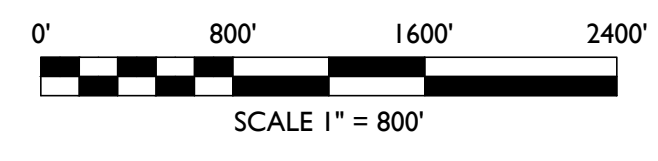
ENGINEER'S GENERAL NOTES:

1. THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS APPROVED BY THE APPROPRIATE AGENCIES. ALL WORK IS TO CONFORM TO THE CURRENT STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTAL INFORMATION OF SAID AGENCY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION AND IS TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES IN THE AREA.
3. THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE. SUCH A GUARANTEE IS NOT POSSIBLE DUE TO THE VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES, AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
4. PRIOR TO BIDDING THE WORK, THE CONTRACTOR IS TO THOROUGHLY INVESTIGATE THE ACTUAL CONDITIONS OF THE SITE AND EARTHWORK QUANTITIES, IF ANY. NO CLAIM IS TO BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY IN EARTHWORK QUANTITIES, ACTUAL OR RELATIVE.
5. MAVERICK ENGINEERING MAKES NO REPRESENTATION AS TO THE PRESENCE OF ROCK WITHIN EXCAVATION AREAS. ANY EXCAVATION IS TO BE CONSIDERED UNCLASSIFIED EXCAVATION, AND THE PRESENCE OF ROCK IS ONE OF THE EXISTING CONDITIONS THE CONTRACTOR IS EXPECTED TO FULLY INVESTIGATE PRIOR TO BIDDING THE WORK. NO CLAIM WILL BE MADE AGAINST MAVERICK ENGINEERING BASED ON MATERIALS ENCOUNTERED.
6. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS / PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. THE ENGINEER IS NOT RESPONSIBLE IF THE CONTRACTOR FAILS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. CONTRACTOR IS RESPONSIBLE FOR SURVEY VERIFICATION OF EXISTING HORIZONTAL AND VERTICAL CONDITIONS PRIOR TO START OF CONSTRUCTION. A DEVIATION IN EXISTING CONDITIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF MAVERICK ENGINEERING, BEFORE CONSTRUCTION STARTS. MAVERICK ENGINEERING WILL NOT BE RESPONSIBLE FOR REMOVAL, REPLACEMENT, OR OTHER MODIFICATIONS THAT MAY BE REQUIRED AS A RESULT OF EXISTING CONDITIONS NOT PROPERLY VERIFIED AND CONFIRMED. SHOULD AN ERROR BE FOUND IN THE HORIZONTAL & VERTICAL CONDITIONS, MAVERICK ENGINEERING WILL BE NOTIFIED AND CONSTRUCTION WILL NOT PROCEED UNTIL REVISIONS AND/OR MODIFICATIONS HAVE BEEN PREPARED AND SUBMITTED BY MAVERICK ENGINEERING.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH EPA'S NPDES REGULATIONS 40-CFR-122, AND 40-CFR-123, AND 40-CFR-124 CONCERNING EROSION AND SEDIMENT CONTROL.
9. AN APPROVED GRADING IS TO BE MAINTAINED ON SITE AT ALL TIMES. THIS IS TO BE MADE AVAILABLE TO INSPECTORS UPON REQUEST.
10. THE CONTRACTOR IS RESPONSIBLE FOR SOILS TESTING AND CLASSIFYING EXCAVATION .
11. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL OSHA SAFETY STANDARDS.
12. NO TOPOGRAPHIC SURVEY HAS BEEN CONDUCTED. SOURCES INDICATE THAT THE GROUND IS RELATIVELY FLAT. AERIAL IMAGERY INDICATES THAT STORM WATER MAY FLOW THROUGH THE SITE TO A NEARBY PLAYA LAKE.

CARMONA RESOURCES

HORSE 29 LOCATION

EXCAVATION PLANS



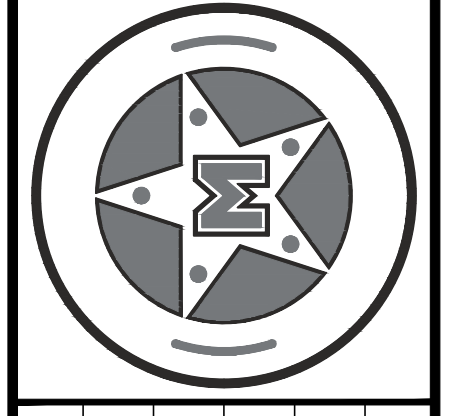
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COVER SHEET.....	C100
TYPE A / B EXCAVATION PLAN	C200
TYPE A / B EXCAVATION PROFILE	C210
TYPE C EXCAVATION PLAN	C300
TYPE C EXCAVATION PROFILE	C310
EXCAVATION DETAILS	C400

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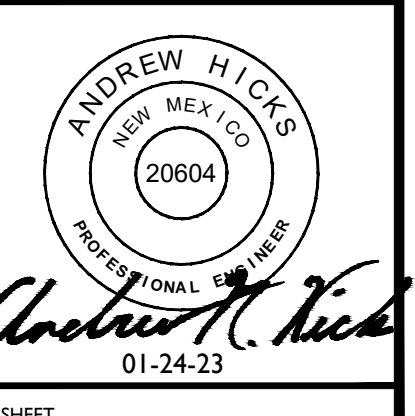
ANDREW HICKS, P.E.
 MAVERICK ENGINEERING
 1909 WEST WALL STREET, STE. K
 MIDLAND, TX 79701
 TELEPHONE: (432) 262-0999

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 SURVEY FIRM #: 10194514
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DATE: 01/24/2023	
JOB: 730010	

COVER SHEET
CARMONA RESOURCES
 HORSE 29 LOCATION

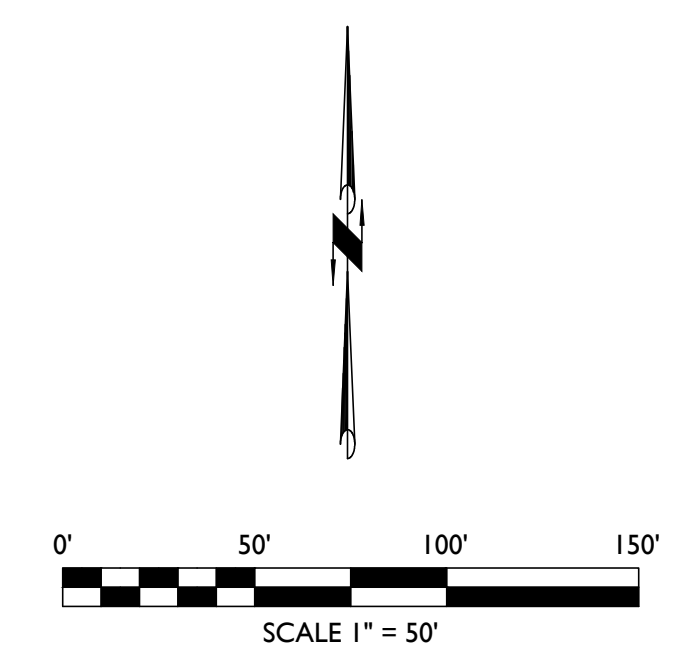
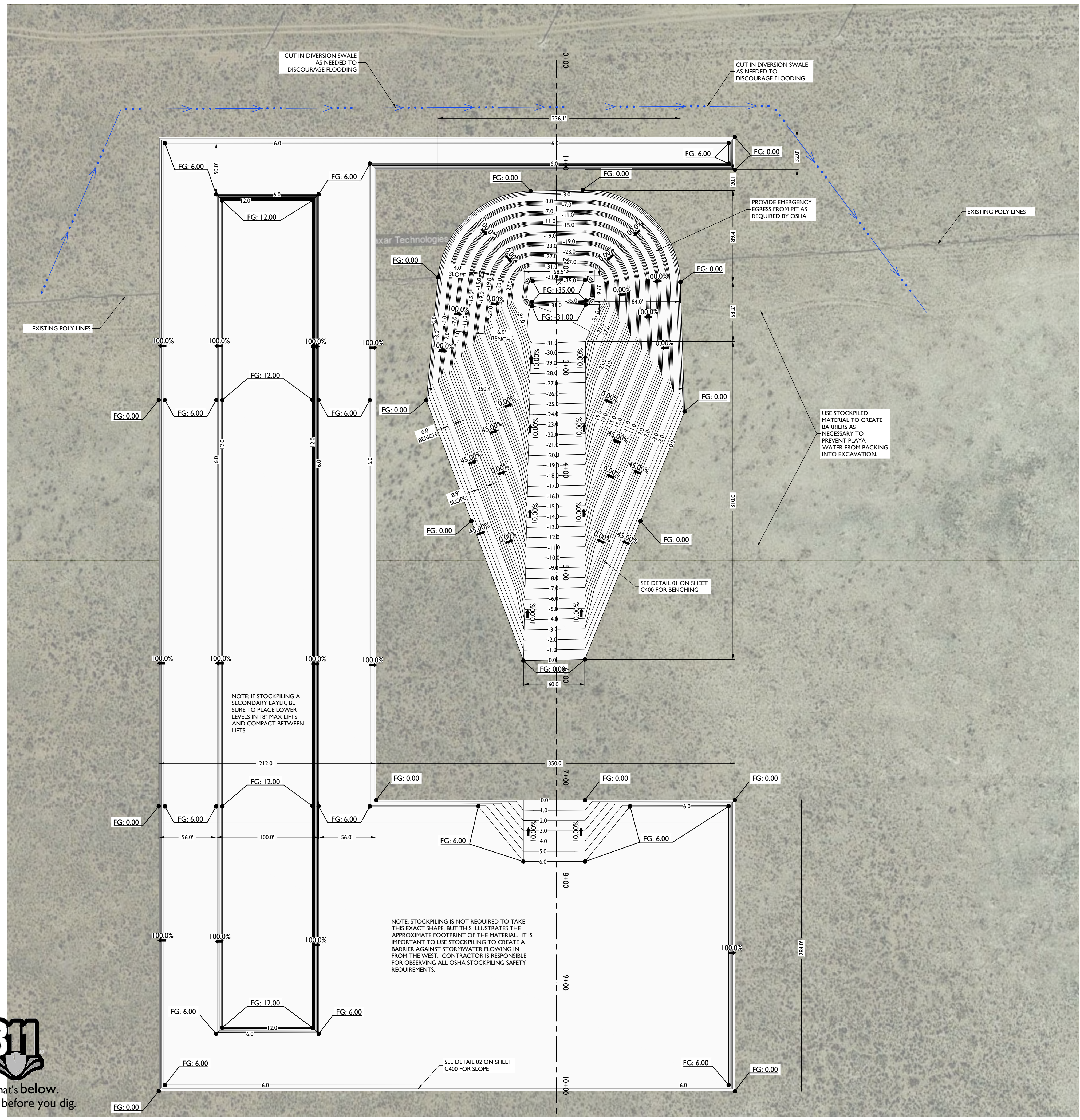


SHEET **C100** OF 06



Know what's below.
 Call before you dig.

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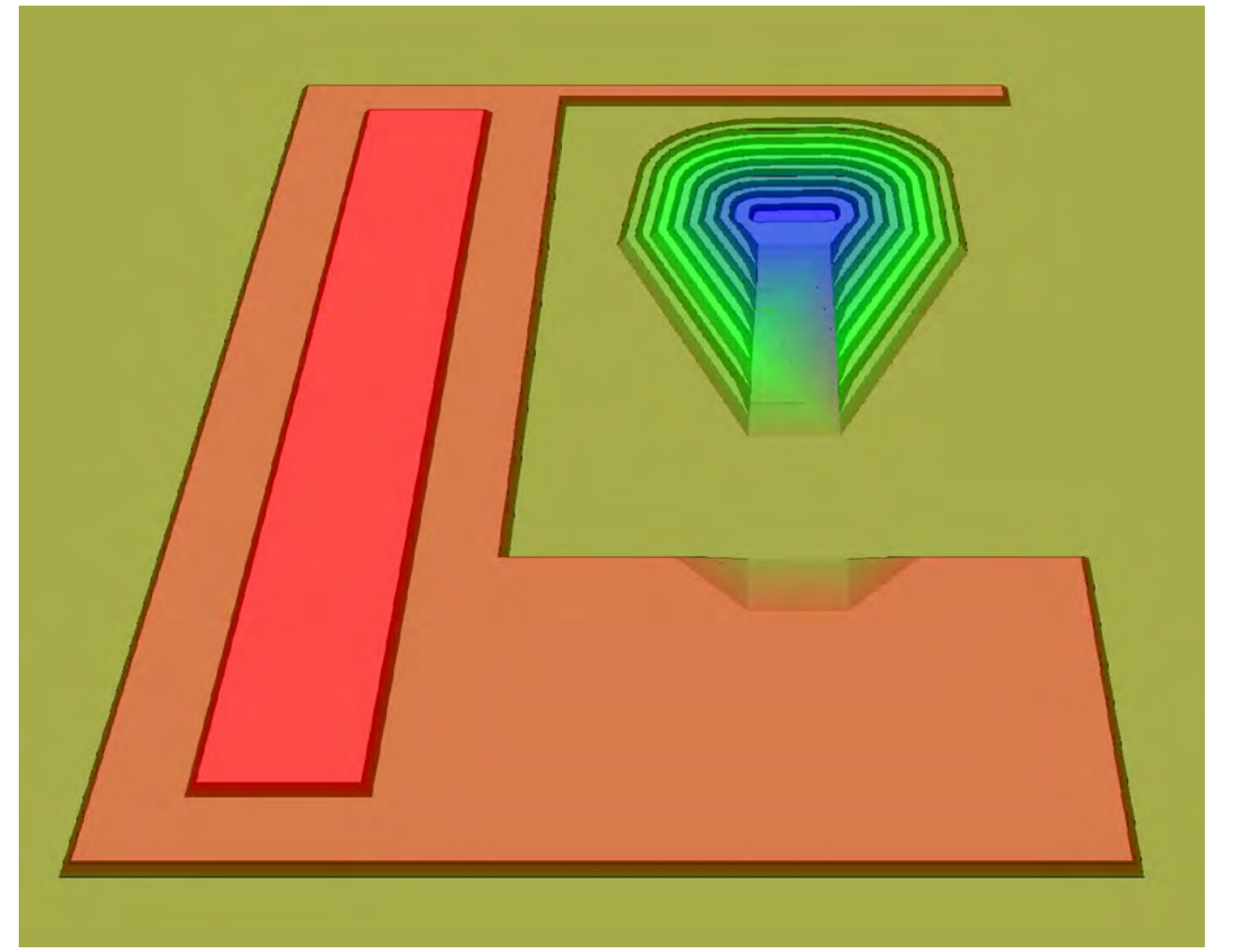


LEGEND

	DENOTES GPS POINT
	LAT: 32.102785, LONG: -103.52190
	FG: XXXXX
	1.00%
	PROPOSED SLOPE

EARTHWORK NOTES:

- NO TOPOGRAPHICAL SURVEY WAS CONDUCTED. SOURCES INDICATE THAT THE EXISTING GROUND IS RELATIVELY FLAT. FOR THE PURPOSES OF MODELING, THE EXISTING GROUND IS BEING TREATED AS A UNIFORM FLAT PLANE AT ELEVATION 0.00.
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 - CUT VOLUME: 43,364 CY'S (TO BE REMOVED AND REPLACED)



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N.T.S.

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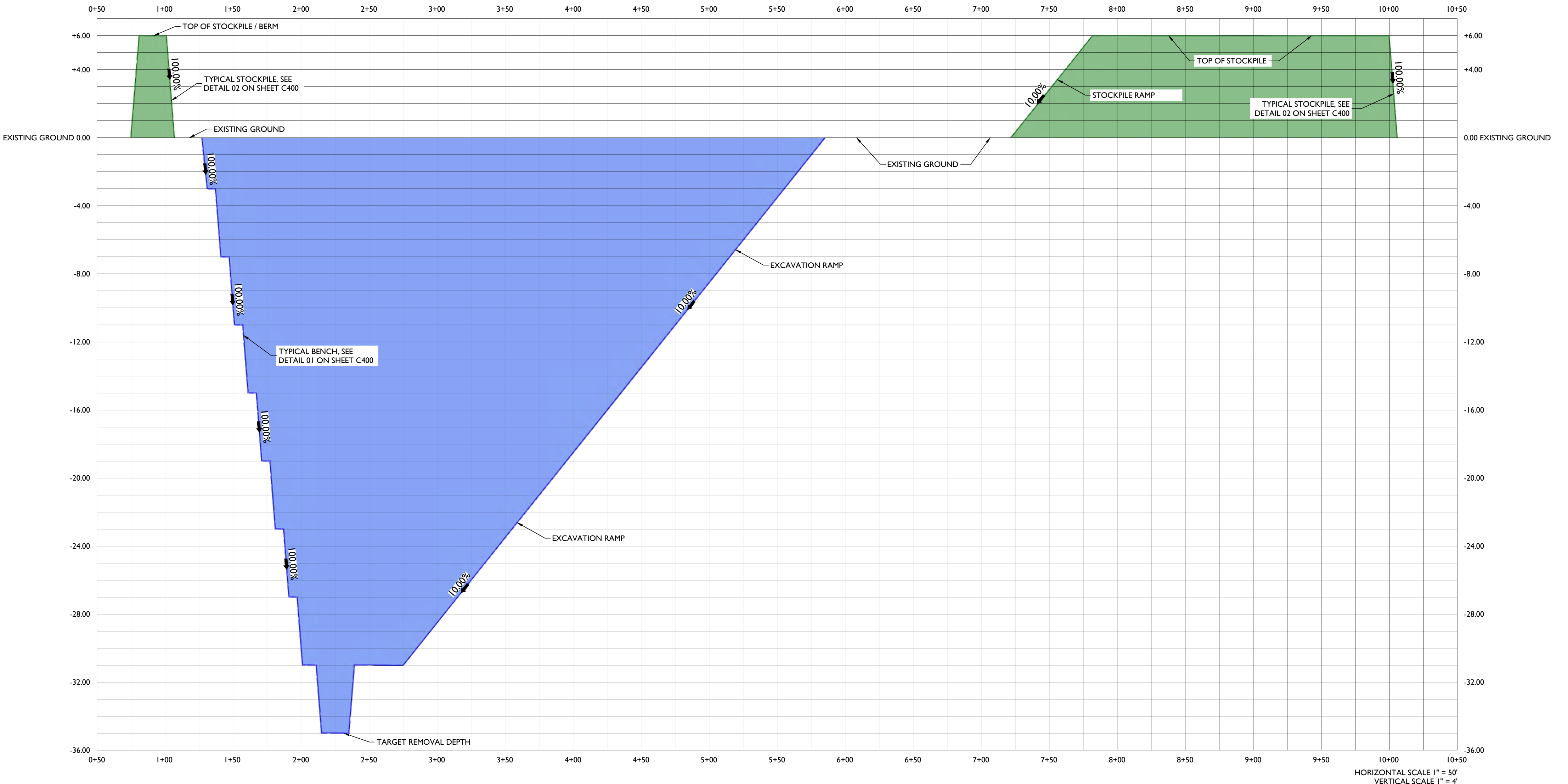
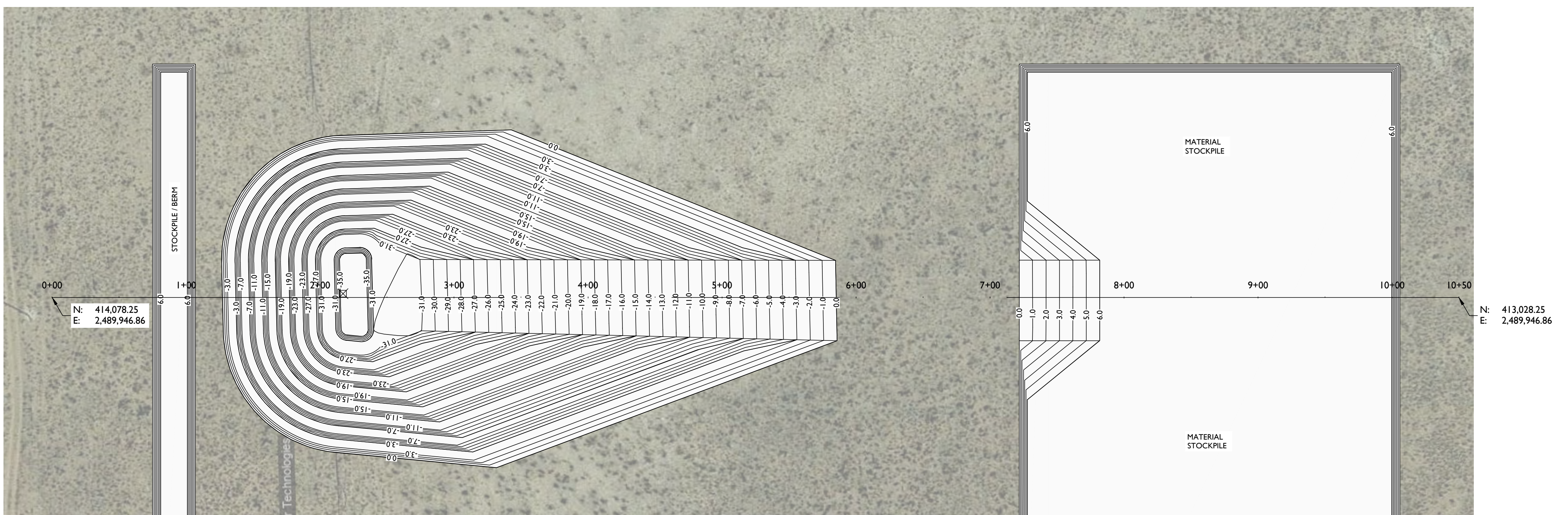
TYPE A / B
EXCAVATION PLAN
CARMONA RESOURCES
HORSE 29 LOCATION

ANDREW HICKS
NEW MEXICO
20604
PROFESSIONAL ENGINEER

Andrew Hicks
01-24-23

SHEET **C200** OF 06





LEGEND

- DENOTES GPS POINT
LAT: 32.102785, LONG: -103.52190
- DENOTES STOCKPILE FILL AREA
- DENOTES EXCAVATION CUT AREA

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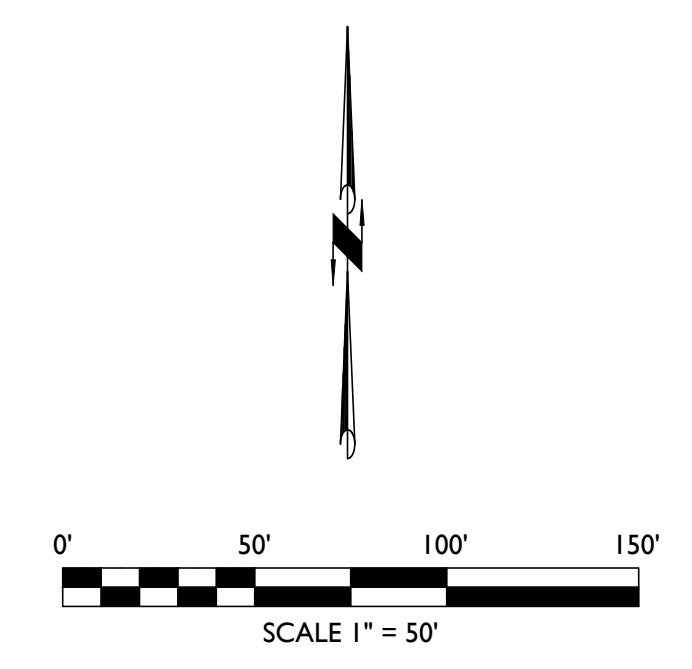
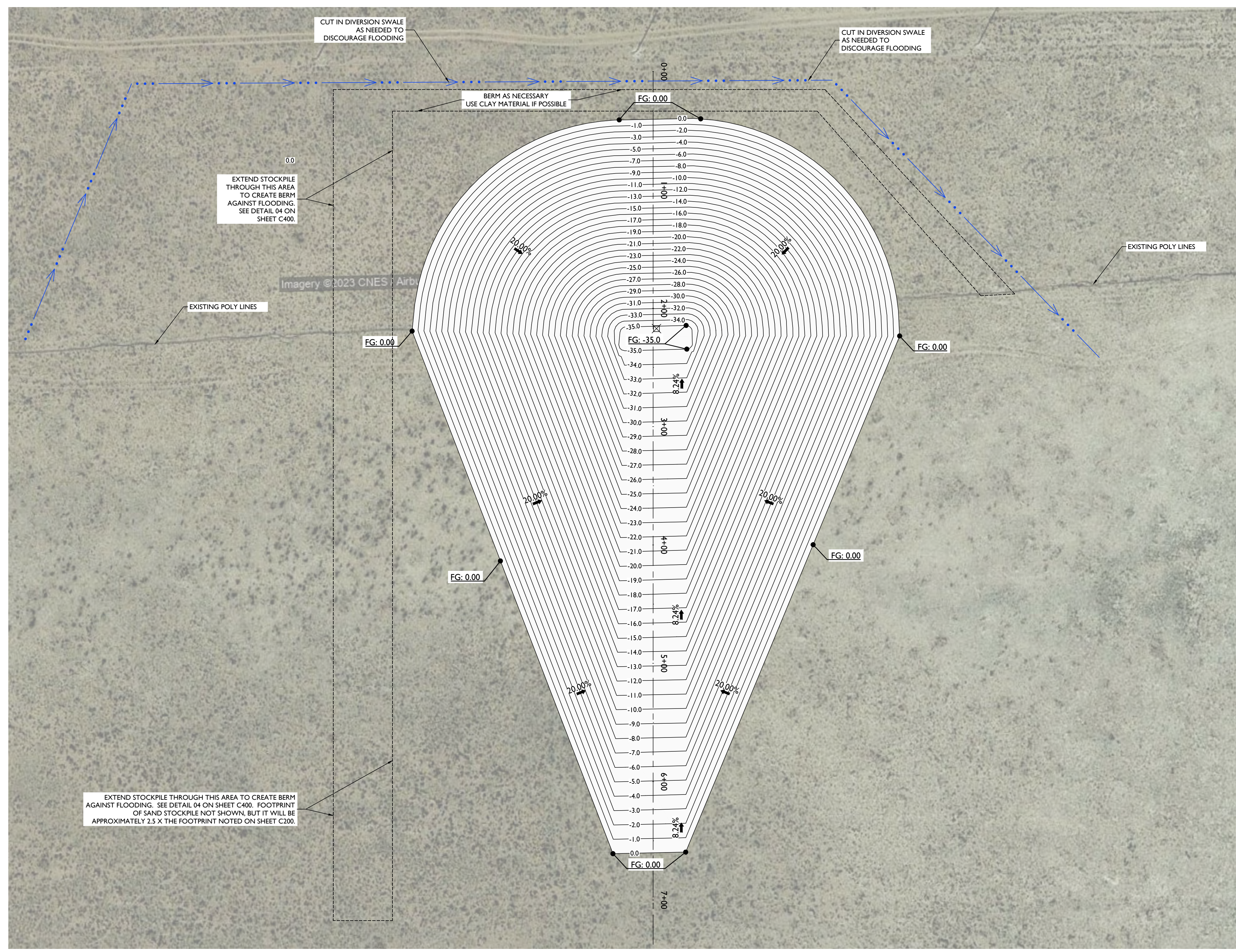
TYPE A / B
EXCAVATION PROFILE
CARMONA RESOURCES
HORSE 29 LOCATION

ANDREW HICKS
NEW MEXICO
20604
PROFESSIONAL ENGINEER
Andrew Hicks
01-24-23

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LEGEND

	DENOTES GPS POINT
	FINISHED GRADE
	PROPOSED SLOPE

Additional text: LAT: 32.102785, LONG: -103.52190

EARTHWORK NOTES:

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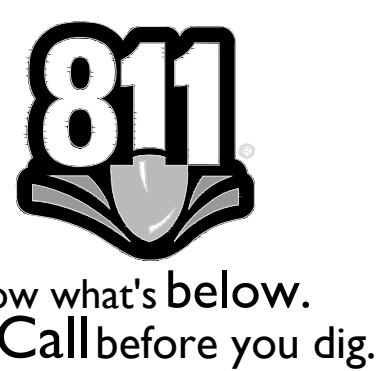
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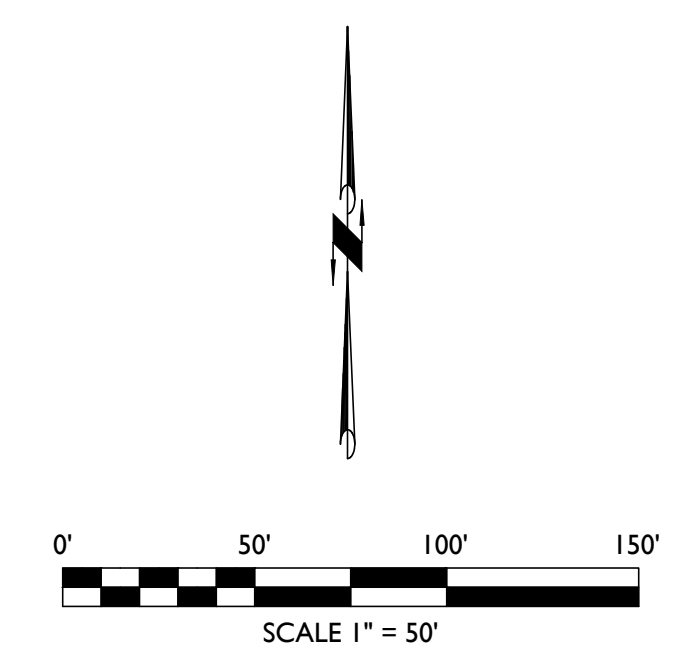
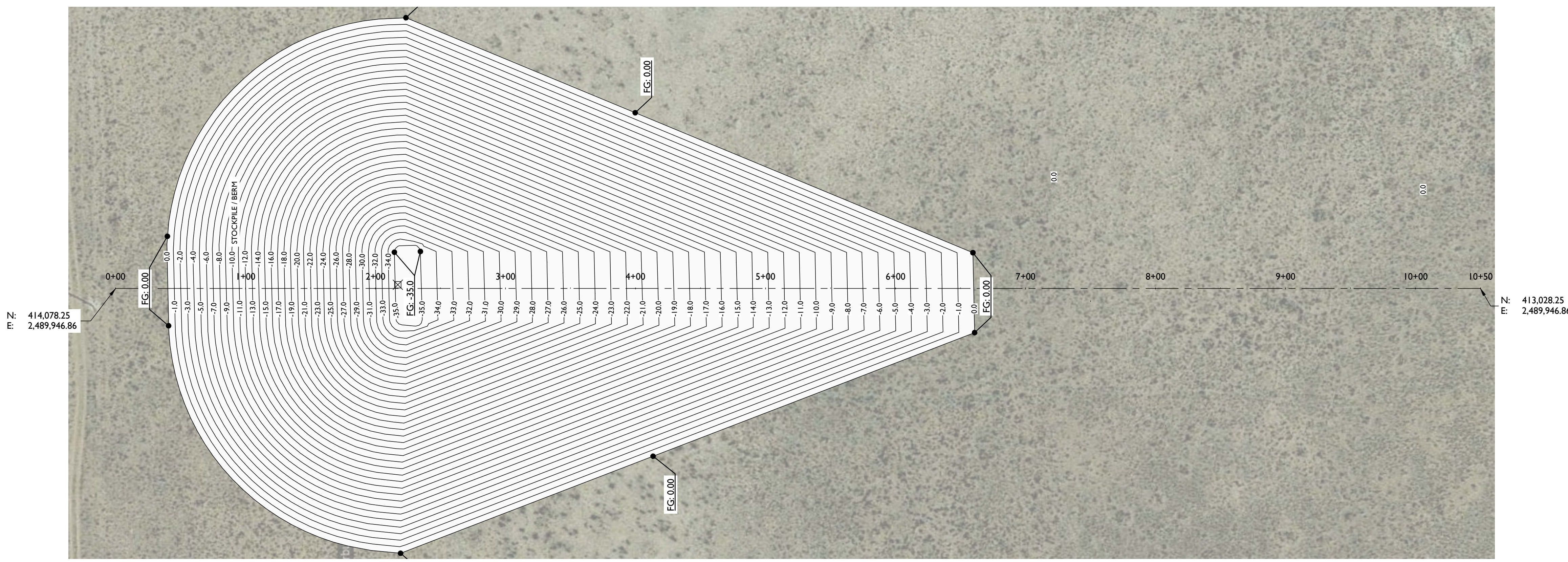
TYPE C EXCAVATION PLAN
CARMONA RESOURCES
HORSE 29 LOCATION

ANDREW HICKS
NEW MEXICO
20604
PROFESSIONAL ENGINEER

Andrew N. Hicks
01-24-23

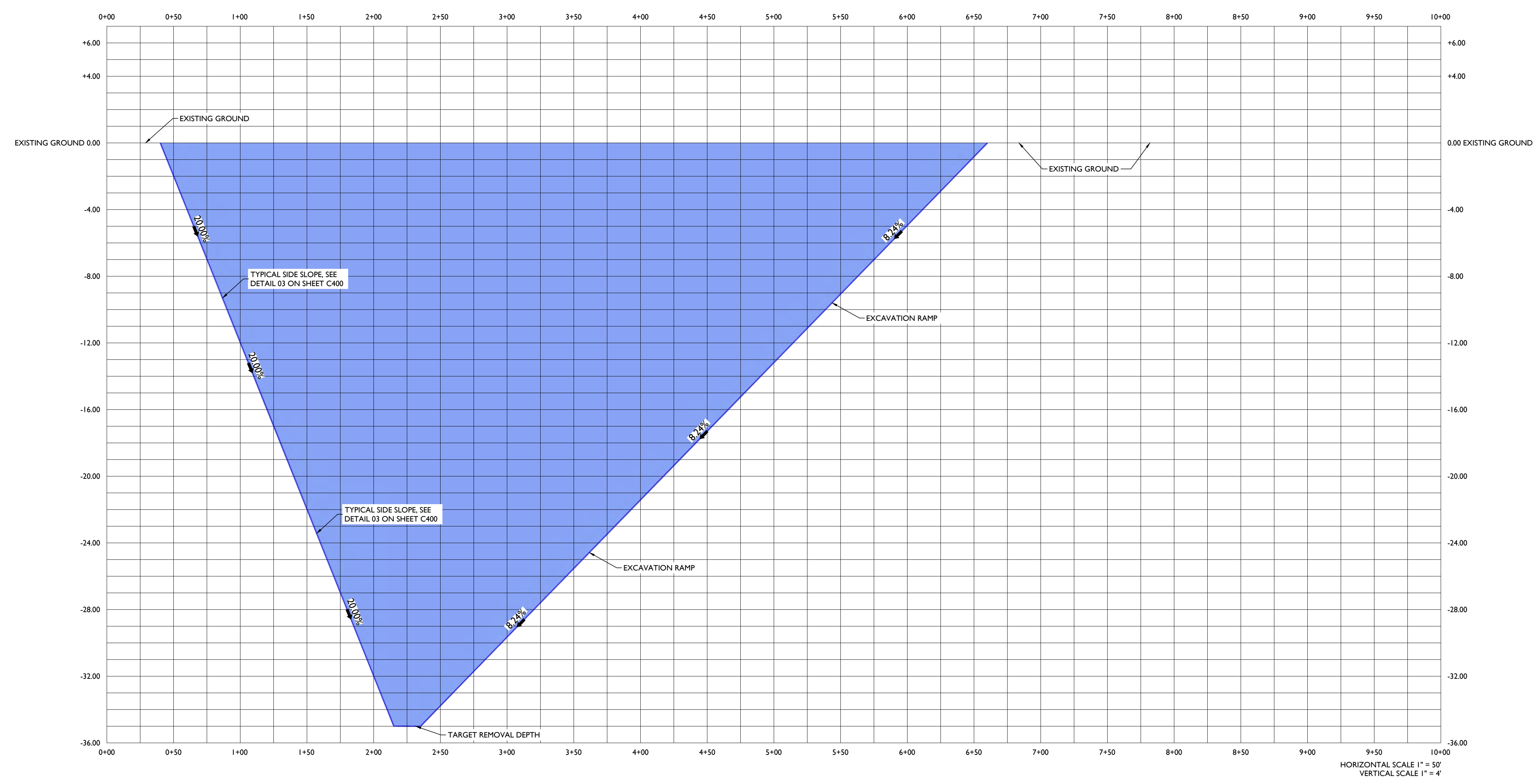
SHEET **C300** OF 06





LEGEND

- DENOTES GPS POINT
LAT: 32.102785, LONG: -103.52190
- DENOTES EXCAVATION CUT AREA



F:\2023\230010-CARMONA RESOURCES-CARMONA EXCAVATION PLAN DRAWINGS\CONSTRUCTION PLANS\230010 C310 TYPE C PROFILE.DWG

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M A V E R I C K
ENGINEERING / SURVEY / WATER RESOURCES

1909 West Wall Street, Suite "K"
Midland, Texas 79701
ENGINEER FIRM #: F-15089
SURVEY FIRM #: 10194514
Tel: (432) 262-0999 Fax: (432) 262-0989
www.Maverick-Eng.com

DATE	
BY	
APPR.	
REGIONS	
DRAWN BY: AMH	
CHECKED BY: AMH	
APPROVED BY: AMH	
DATE: 01/24/2023	
JOB: 230010	

TYPE C
EXCAVATION PROFILE
CARMONA RESOURCES
HORSE 29 LOCATION

ANDREW HICKS
NEW MEXICO
20604
PROFESSIONAL ENGINEER

Andrew Hicks
01-24-23

SHEET **C310** OF 06

APPENDIX F

CARMONA RESOURCES





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

July 22, 2022

MIKE CARMONA

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 17:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: H - 1 (0-0.5') (H223165-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	0.086	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 43-149

Surrogate: 1-Chlorooctadecane 77.3 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: H - 2 (0-0.5') (H223165-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.052	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	0.085	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 43-149

Surrogate: 1-Chlorooctadecane 89.4 % 42.5-161

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: H - 3 (0-0.5') (H223165-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 43-149

Surrogate: 1-Chlorooctadecane 89.7 % 42.5-161

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* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: H - 4 (0-0.5') (H223165-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	<0.300	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/21/2022	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	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	<10.0	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 43-149

Surrogate: 1-Chlorooctadecane 95.5 % 42.5-161

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (0-1') (H223165-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.47	0.500	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	25.7	0.500	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	8.68	0.500	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	33.6	1.50	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	69.4	3.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	43600	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1040	100	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	16300	100	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	4330	100	07/21/2022	ND						

Surrogate: 1-Chlorooctane 183 % 43-149

Surrogate: 1-Chlorooctadecane 705 % 42.5-161

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (1') (H223165-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.08	0.500	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	18.8	0.500	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	6.56	0.500	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	24.9	1.50	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	51.4	3.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	46400	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	710	100	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	13100	100	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	4060	100	07/21/2022	ND						

Surrogate: 1-Chlorooctane 179 % 43-149

Surrogate: 1-Chlorooctadecane 1550 % 42.5-161

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (2') (H223165-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	19.4	1.00	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	123	1.00	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	23.5	1.00	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	89.6	3.00	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	256	6.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3940	100	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	18200	100	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	3960	100	07/21/2022	ND						

Surrogate: 1-Chlorooctane 500 % 43-149

Surrogate: 1-Chlorooctadecane 1700 % 42.5-161

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (3') (H223165-08)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	24.9	1.00	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	158	1.00	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	34.5	1.00	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	131	3.00	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	349	6.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4670	100	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	23200	100	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	5290	100	07/21/2022	ND					

Surrogate: 1-Chlorooctane 578 % 43-149

Surrogate: 1-Chlorooctadecane 2190 % 42.5-161

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (4') (H223165-09)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.178	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	3.29	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	1.33	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	5.42	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	10.2	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 158 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	235	50.0	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	3140	50.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	838	50.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 372 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 1 (5') (H223165-10)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.249	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	4.29	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	1.63	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	6.51	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	12.7	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	154	50.0	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	1680	50.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	419	50.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 213 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (0-1') (H223165-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.96	0.500	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	32.5	0.500	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	10.8	0.500	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	41.4	1.50	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	86.6	3.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 134 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	54800	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	1410	100	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	24800	100	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	6780	100	07/21/2022	ND						

Surrogate: 1-Chlorooctane 181 % 43-149

Surrogate: 1-Chlorooctadecane 1320 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (1') (H223165-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.997	0.500	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	20.2	0.500	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	7.51	0.500	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	29.5	1.50	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	58.2	3.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	39600	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	594	100	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	11500	100	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	3520	100	07/21/2022	ND						

Surrogate: 1-Chlorooctane 151 % 43-149

Surrogate: 1-Chlorooctadecane 1260 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (2') (H223165-13)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	15.3	0.500	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	98.9	0.500	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	20.6	0.500	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	78.5	1.50	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	213	3.00	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3450	100	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	17900	100	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	4290	100	07/21/2022	ND					

Surrogate: 1-Chlorooctane 453 % 43-149

Surrogate: 1-Chlorooctadecane 1690 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (3') (H223165-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	0.240	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	0.142	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	0.601	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	0.996	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	07/21/2022	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*	17.3	10.0	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	285	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	84.5	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 43-149

Surrogate: 1-Chlorooctadecane 97.0 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (4') (H223165-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	0.200	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	0.129	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	0.604	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	0.951	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/21/2022	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*	17.2	10.0	07/21/2022	ND	208	104	200	2.42	
DRO >C10-C28*	374	10.0	07/21/2022	ND	198	99.0	200	0.956	
EXT DRO >C28-C36	94.3	10.0	07/21/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 43-149

Surrogate: 1-Chlorooctadecane 119 % 42.5-161

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Analytical Results For:

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

Received:	07/20/2022	Sampling Date:	07/19/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:			

Sample ID: S - 2 (5') (H223165-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.136	0.050	07/21/2022	ND	2.09	105	2.00	3.78	
Toluene*	1.34	0.050	07/21/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	0.559	0.050	07/21/2022	ND	2.16	108	2.00	3.83	
Total Xylenes*	2.27	0.150	07/21/2022	ND	6.59	110	6.00	4.25	
Total BTEX	4.31	0.300	07/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	07/21/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	43.1	10.0	07/21/2022	ND	208	104	200	2.42		
DRO >C10-C28*	811	10.0	07/21/2022	ND	198	99.0	200	0.956		
EXT DRO >C28-C36	196	10.0	07/21/2022	ND						

Surrogate: 1-Chlorooctane 96.7 % 43-149

Surrogate: 1-Chlorooctadecane 168 % 42.5-161

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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Handwritten signature of Mike Snyder

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: Earmark Resources Project Manager: Mike Remmona Address: City: Midland State: Tx Zip: 79701 Phone #: 432.813.1992 Fax #: --- Project #: --- Project Owner: Project Name: Horse 25-1 Fluoline leak Project Location: Lea Co, NM Sampler Name: Cliff Merritt		P.O. #: Company: EOC Attn: James Kennedy Address: 5509 Chaplins City: Midland State: Tx Zip: 79701 Phone #: --- Fax #: ---	
FOR LAB USE ONLY Lab I.D. H223165 Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV SAMPLING DATE TIME
PLEASE NOTE: Labcity and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		BTEX 8021B TPH 8015M (GRO+DRO+MRO) Chloride 4500	
Relinquished By: [Signature] Date: 7-20-22 Time: 1725		Received By: [Signature] Date: 7-20-22 Time: 1725	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 2.1 Corrected Temp. °C 1.5	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) AD
Turnaround Time: Thermometer ID #13 Correction Factor -0.5°C		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition Observed Temp. °C Corrected Temp. °C	Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: <u>Carmona Res.</u> Project Manager: _____		P.O. #: _____ Company: _____	
Address: _____ City: _____ State: _____ Zip: _____		Attn: _____ Address: _____ City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____		State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Name: <u>Horse 29-1 Flowline Beck</u> Project Location: _____		Date: _____ Time: _____	
Sampler Name: _____ FOR LAB USE ONLY		(G)RABOR (C)OMP. # CONTAINERS	
Lab I.D. <u>A223165</u>		MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____	
Sample I.D. _____		PRESERV. _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
Date: <u>7-20-22</u> Time: <u>1725</u>		DATE _____ TIME _____	
Relinquished By: <u>[Signature]</u>		RECEIVED BY: <u>[Signature]</u>	
Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		All Results are emailed. Please provide Email address: _____	
Observed Temp. °C <u>2.1</u> Corrected Temp. °C <u>1.5</u>		Turnaround Time: _____ Standard <input checked="" type="checkbox"/> <u>Rush</u>	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
CHECKED BY: (Initials) <u>[Signature]</u>		Corrected Temp. °C _____	
REMARKS: _____		Corrected Temp. °C _____	



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

July 28, 2022

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

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 07/27/22 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (0-1') (H223295-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	GC-NC
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	QM-07
Total Xylenes*	4.44	0.150	07/27/2022	ND	6.43	107	6.00	8.44	GC-NC1
Total BTEX	4.44	0.300	07/27/2022	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 261 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	07/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	284	50.0	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	6740	50.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	1200	50.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 126 % 43-149

Surrogate: 1-Chlorooctadecane 344 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (1') (H223295-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16200	16.0	07/28/2022	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	07/28/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 43-149

Surrogate: 1-Chlorooctadecane 88.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (2') (H223295-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 106 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (3') (H223295-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	07/28/2022	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	781	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	168	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 120 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (4') (H223295-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	07/28/2022	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*	10.3	10.0	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	45.5	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	18.5	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 122 % 43-149

Surrogate: 1-Chlorooctadecane 136 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (5') (H223295-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	10.6	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 43-149

Surrogate: 1-Chlorooctadecane 91.7 % 42.5-161

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (6') (H223295-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18400	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (7') (H223295-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34800	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	21.1	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 118 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (8') (H223295-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 119 % 43-149

Surrogate: 1-Chlorooctadecane 127 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (9') (H223295-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (10') (H223295-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 106 % 43-149

Surrogate: 1-Chlorooctadecane 116 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 1 (11') (H223295-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24800	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 112 % 43-149

Surrogate: 1-Chlorooctadecane 119 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (0-1') (H223295-13)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70		
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97		
Total Xylenes*	0.965	0.150	07/27/2022	ND	6.43	107	6.00	8.44	GC-NC1	
Total BTEX	0.965	0.300	07/27/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 166 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15200	16.0	07/28/2022	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*	56.6	10.0	07/27/2022	ND	193	96.4	200	3.90		
DRO >C10-C28*	2240	10.0	07/27/2022	ND	179	89.7	200	1.80		
EXT DRO >C28-C36	433	10.0	07/27/2022	ND						

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 120 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (1') (H223295-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	35.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	30.9	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 119 % 43-149

Surrogate: 1-Chlorooctadecane 131 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (2') (H223295-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 43-149

Surrogate: 1-Chlorooctadecane 97.9 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (3') (H223295-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19400	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	206	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	48.1	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 43-149

Surrogate: 1-Chlorooctadecane 111 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (4') (H223295-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	11.5	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 43-149

Surrogate: 1-Chlorooctadecane 110 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (5') (H223295-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	132	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	21.3	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 43-149

Surrogate: 1-Chlorooctadecane 112 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (6') (H223295-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 43-149

Surrogate: 1-Chlorooctadecane 110 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (7') (H223295-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.93	96.3	2.00	9.70	
Toluene*	<0.050	0.050	07/27/2022	ND	2.02	101	2.00	9.68	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	9.97	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.43	107	6.00	8.44	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	07/28/2022	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	07/27/2022	ND	193	96.4	200	3.90	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	179	89.7	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 43-149

Surrogate: 1-Chlorooctadecane 109 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (8') (H223295-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.83	91.4	2.00	15.4	
Toluene*	<0.050	0.050	07/27/2022	ND	1.86	93.1	2.00	17.1	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.91	95.3	2.00	16.5	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	5.84	97.3	6.00	16.2	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	1.28	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	112	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (9') (H223295-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.83	91.4	2.00	15.4	
Toluene*	<0.050	0.050	07/27/2022	ND	1.86	93.1	2.00	17.1	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.91	95.3	2.00	16.5	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	5.84	97.3	6.00	16.2	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	1.28	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	112	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (10') (H223295-23)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.83	91.4	2.00	15.4	
Toluene*	<0.050	0.050	07/27/2022	ND	1.86	93.1	2.00	17.1	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.91	95.3	2.00	16.5	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	5.84	97.3	6.00	16.2	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36400	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	1.28	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	112	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	07/28/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	** (See Notes)
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: TRENCH - 2 (11') (H223295-24)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2022	ND	1.83	91.4	2.00	15.4	
Toluene*	<0.050	0.050	07/27/2022	ND	1.86	93.1	2.00	17.1	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.91	95.3	2.00	16.5	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	5.84	97.3	6.00	16.2	
Total BTEX	<0.300	0.300	07/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	07/28/2022	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2022	ND	212	106	200	1.28	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	223	112	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 43-149

Surrogate: 1-Chlorooctadecane 94.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H223295

Page 2 of 3



Project Manager:	Ashton Thielke	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number:	1098	Due Date:	24 HR					None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM							Cool: Cool MeOH: Me
Sampler's Name:	AT							HCL: HC HNO ₃ : HN
PO #:								H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				H ₃ PO ₄ : HP NaHSO ₄ : NABIS
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:						Na ₂ S ₂ O ₃ : NaSO ₃
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:						Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:						NaOH+Ascorbic Acid: SAPC
Total Containers:		Corrected Temperature:						

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
Trench -1 (10')	7/27/2022		X		Grab/	1	BTEX 8021B			
Trench -1 (11')	7/27/2022		X		Grab/	1	TPH 8015M (GRO + DRO + MRO)			
Trench -2 (0-1')	7/27/2022		X		Grab/	1	Chloride 4500			
Trench -2 (1')	7/27/2022		X		Grab/	1				
Trench -2 (2')	7/27/2022		X		Grab/	1				
Trench -2 (3')	7/27/2022		X		Grab/	1				
Trench -2 (4')	7/27/2022		X		Grab/	1				
Trench -2 (5')	7/27/2022		X		Grab/	1				
Trench -2 (6')	7/27/2022		X		Grab/	1				
Trench -2 (7')	7/27/2022		X		Grab/	1				

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Corner Moehring / Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/27/22		7-27-22 1500



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

August 16, 2022

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

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (20') (H223616-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2022	ND	2.03	102	2.00	6.27	
Toluene*	<0.050	0.050	08/14/2022	ND	2.06	103	2.00	6.49	
Ethylbenzene*	<0.050	0.050	08/14/2022	ND	2.07	103	2.00	6.75	
Total Xylenes*	<0.150	0.150	08/14/2022	ND	6.32	105	6.00	5.47	
Total BTEX	<0.300	0.300	08/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 74.8 % 43-149

Surrogate: 1-Chlorooctadecane 90.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (25') (H223616-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2022	ND	2.03	102	2.00	6.27	
Toluene*	<0.050	0.050	08/14/2022	ND	2.06	103	2.00	6.49	
Ethylbenzene*	<0.050	0.050	08/14/2022	ND	2.07	103	2.00	6.75	
Total Xylenes*	<0.150	0.150	08/14/2022	ND	6.32	105	6.00	5.47	
Total BTEX	<0.300	0.300	08/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 126 % 43-149

Surrogate: 1-Chlorooctadecane 150 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (30') (H223616-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2022	ND	2.03	102	2.00	6.27	
Toluene*	<0.050	0.050	08/14/2022	ND	2.06	103	2.00	6.49	
Ethylbenzene*	<0.050	0.050	08/14/2022	ND	2.07	103	2.00	6.75	
Total Xylenes*	<0.150	0.150	08/14/2022	ND	6.32	105	6.00	5.47	
Total BTEX	<0.300	0.300	08/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (35') (H223616-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2022	ND	2.03	102	2.00	6.27	
Toluene*	<0.050	0.050	08/14/2022	ND	2.06	103	2.00	6.49	
Ethylbenzene*	<0.050	0.050	08/14/2022	ND	2.07	103	2.00	6.75	
Total Xylenes*	<0.150	0.150	08/14/2022	ND	6.32	105	6.00	5.47	
Total BTEX	<0.300	0.300	08/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 43-149

Surrogate: 1-Chlorooctadecane 99.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (40') (H223616-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2022	ND	2.03	102	2.00	6.27	
Toluene*	<0.050	0.050	08/14/2022	ND	2.06	103	2.00	6.49	
Ethylbenzene*	<0.050	0.050	08/14/2022	ND	2.07	103	2.00	6.75	
Total Xylenes*	<0.150	0.150	08/14/2022	ND	6.32	105	6.00	5.47	
Total BTEX	<0.300	0.300	08/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (45') (H223616-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8720	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (50') (H223616-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 89.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (55') (H223616-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142		
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42		
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61		
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59		
Total BTEX	<0.300	0.300	08/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87		
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536		
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND						

Surrogate: 1-Chlorooctane 70.0 % 43-149

Surrogate: 1-Chlorooctadecane 84.4 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (60') (H223616-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/15/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 43-149

Surrogate: 1-Chlorooctadecane 96.4 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (65') (H223616-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	08/16/2022	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 43-149

Surrogate: 1-Chlorooctadecane 93.2 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (12') (H223616-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	08/16/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 43-149

Surrogate: 1-Chlorooctadecane 90.7 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (15') (H223616-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	08/16/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 43-149

Surrogate: 1-Chlorooctadecane 93.8 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (20') (H223616-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	08/16/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 66.3 % 43-149

Surrogate: 1-Chlorooctadecane 78.3 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (25') (H223616-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	08/16/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 95.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (30') (H223616-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	08/16/2022	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	08/12/2022	ND	216	108	200	2.87	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	196	97.8	200	0.536	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 43-149

Surrogate: 1-Chlorooctadecane 92.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (35') (H223616-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 43-149

Surrogate: 1-Chlorooctadecane 99.7 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (40') (H223616-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 43-149

Surrogate: 1-Chlorooctadecane 95.8 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (45') (H223616-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 43-149

Surrogate: 1-Chlorooctadecane 99.0 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (50') (H223616-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4130	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (55') (H223616-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 43-149

Surrogate: 1-Chlorooctadecane 98.5 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (60') (H223616-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 43-149

Surrogate: 1-Chlorooctadecane 94.2 % 42.5-161

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Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (65') (H223616-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	2.06	103	2.00	0.142	
Toluene*	<0.050	0.050	08/13/2022	ND	2.12	106	2.00	4.42	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	2.02	101	2.00	5.61	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.30	105	6.00	5.59	
Total BTEX	<0.300	0.300	08/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 43-149

Surrogate: 1-Chlorooctadecane 95.2 % 42.5-161

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H2232616

Page 1 of 3

Project Manager:	Ashton Thielke	Bill To: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Upertund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	1098						None: NO DI Water: H ₂ O
Project Location:	Lea Co. NM	Due Date:					Cool: Cool MeOH: Me
Sampler's Name:	AT						HCL: HC HNO ₃ : HN
PO #:							H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			H ₃ PO ₄ : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:					NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:					Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:					Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:					NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
BH-1 (20')	8/10/2022		X		G	1	BTEX 8021B	
BH-1 (25')	8/10/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)	
BH-1 (30')	8/10/2022		X		G	1	Chloride 4500	
BH-1 (35')	8/10/2022		X		G	1		
BH-1 (40')	8/10/2022		X		G	1		
BH-1 (45')	8/10/2022		X		G	1		
BH-1 (50')	8/10/2022		X		G	1		
BH-1 (55')	8/10/2022		X		G	1		
BH-1 (60')	8/10/2022		X		G	1		
BH-1 (65')	8/10/2022		X		G	1		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/10/2022		8/10/22 1640

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Ashton Thielke	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Jupertund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Horse 29-1 Flowline Leak	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush																
Project Number:	1098																None: NO	DI Water: H ₂ O	
Project Location:	Lea Co. NM	Due Date:															Cool: Cool	MeOH: Me	
Sampler's Name:	AT																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6%													Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	5.7%													Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:	5.1%													NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments
BH-2 (30')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (35')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (40')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (45')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (50')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (55')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (60')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		
BH-2 (65')	8/10/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	8/10/2022	<i>[Signature]</i>	8/10/22 10:40



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

August 16, 2022

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

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BG (0-1') (H223658-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.04	102	2.00	0.0537	
Toluene*	<0.050	0.050	08/15/2022	ND	1.97	98.6	2.00	0.278	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.6	2.00	0.508	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.94	99.1	6.00	1.06	
Total BTEX	<0.300	0.300	08/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/16/2022	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	08/15/2022	ND	215	107	200	1.53	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	234	117	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 43-149

Surrogate: 1-Chlorooctadecane 81.3 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BG (5') (H223658-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.04	102	2.00	0.0537	
Toluene*	<0.050	0.050	08/15/2022	ND	1.97	98.6	2.00	0.278	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.6	2.00	0.508	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.94	99.1	6.00	1.06	
Total BTEX	<0.300	0.300	08/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/16/2022	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	08/15/2022	ND	215	107	200	1.53	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	234	117	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BG (10') (H223658-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.04	102	2.00	0.0537	
Toluene*	<0.050	0.050	08/15/2022	ND	1.97	98.6	2.00	0.278	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.6	2.00	0.508	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.94	99.1	6.00	1.06	
Total BTEX	<0.300	0.300	08/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/16/2022	ND	416	104	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	08/15/2022	ND	215	107	200	1.53	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	234	117	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 43-149

Surrogate: 1-Chlorooctadecane 94.8 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BG (15') (H223658-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.04	102	2.00	0.0537	
Toluene*	<0.050	0.050	08/15/2022	ND	1.97	98.6	2.00	0.278	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.6	2.00	0.508	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.94	99.1	6.00	1.06	
Total BTEX	<0.300	0.300	08/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/16/2022	ND	416	104	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	08/15/2022	ND	215	107	200	1.53	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	234	117	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 43-149

Surrogate: 1-Chlorooctadecane 85.5 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/10/2022	Sampling Date:	08/10/2022
Reported:	08/16/2022	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BG (20') (H223658-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2022	ND	2.04	102	2.00	0.0537	
Toluene*	<0.050	0.050	08/15/2022	ND	1.97	98.6	2.00	0.278	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.6	2.00	0.508	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.94	99.1	6.00	1.06	
Total BTEX	<0.300	0.300	08/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/16/2022	ND	416	104	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	08/15/2022	ND	215	107	200	1.53	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	234	117	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 43-149

Surrogate: 1-Chlorooctadecane 85.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1223658

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 415	Address:	5509 Champions Dr
City/ State ZIP:	Midland, TX 79701	City/ State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	1098	Due Date:			
Project Location:	Lea Co, NM				
Sampler's Name:	AT				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
BG (0-1')	8/10/2022		X		G	1	X	X	X	
BG (5')	8/10/2022		X		G	1	X	X	X	
BG (10')	8/10/2022		X		G	1	X	X	X	
BG (15')	8/10/2022		X		G	1	X	X	X	
BG (20')	8/10/2022		X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mearmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com, Ashton Thielke Athielke@carmonareresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Ashton Thielke</i>	8/10/2022	<i>James Kennedy</i>	8/10/22 1440



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

February 13, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/10/23 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 1 (25') (H230638-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/11/2023	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	02/10/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 2 (25') (H230638-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	02/11/2023	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	02/10/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 3 (25') (H230638-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32		
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938		
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525		
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966		
Total BTEX	<0.300	0.300	02/10/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693		
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853		
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 4 (25') (H230638-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 5 (25') (H230638-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 6 (25') (H230638-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 1 (25') (H230638-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32		
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938		
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525		
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966		
Total BTEX	<0.300	0.300	02/10/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693		
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853		
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 2 (25') (H230638-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 3 (25') (H230638-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 4 (25') (H230638-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 5 (25') (H230638-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 6 (25') (H230638-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 7 (25') (H230638-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 8 (25') (H230638-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 9 (25') (H230638-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	200	100	200	0.693		
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853		
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND						

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 165 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (25') (H230638-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2023	ND	2.07	103	2.00	1.32	
Toluene*	<0.050	0.050	02/10/2023	ND	2.09	105	2.00	0.938	
Ethylbenzene*	<0.050	0.050	02/10/2023	ND	2.07	104	2.00	0.525	
Total Xylenes*	<0.150	0.150	02/10/2023	ND	6.25	104	6.00	0.966	
Total BTEX	<0.300	0.300	02/10/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/11/2023	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	02/11/2023	ND	200	100	200	0.693	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	195	97.6	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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.
- 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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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1230638

Page 1 of 2

Project Manager:	Connor Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St, Suite 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-5347	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Iupertund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> FRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 HR
Project Number:	1098				
Project Location:	Lea Co. NM				
Sampler's Name:	GPU				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-1 (25')	2/9/2022		X		C	1	X	X	X	
CS-2 (25')	2/9/2022		X		C	1	X	X	X	
CS-3 (25')	2/9/2022		X		C	1	X	X	X	
CS-4 (25')	2/9/2022		X		C	1	X	X	X	
CS-5 (25')	2/9/2022		X		C	1	X	X	X	
CS-6 (25')	2/9/2022		X		C	1	X	X	X	
SW-1 (25')	2/9/2022		X		C	1	X	X	X	
SW-2 (25')	2/9/2022		X		C	1	X	X	X	
SW-3 (25')	2/9/2022		X		C	1	X	X	X	
SW-4 (25')	2/9/2022		X		C	1	X	X	X	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Connor Moehring / cmoehring@carmonaresources.com, Ashton Thierke Athierke@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-10-23 1247		

Chain of Custody

Work Order No: 4230638

Page 2 of 2

Project Manager:	Connor Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 HR
Project Number:	1098				
Project Location:	Lea Co, NM				
Sampler's Name:	GPJ				
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		BTEX 8021B
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.6%		TPH 8015M (GRO + DRO + MRO)
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	9.4°C		Chloride 4500
Total Containers:		Corrected Temperature:	1.8°C		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SW-5 (25')	2/9/2022		X		C	1			
SW-6 (25')	2/9/2022		X		C	1			
SW-7 (25')	2/9/2022		X		C	1			
SW-8 (25')	2/9/2022		X		C	1			
SW-9 (25')	2/9/2022		X		C	1			
SW-10 (25')	2/9/2022		X		C	1			

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Connor Moehring / cmoehring@carmonarresources.com, Ashton Thielke Athletke@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-10-23 1247		



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

February 16, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/15/23 15:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 1 (25') (H230717-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	02/16/2023	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	02/15/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 2 (25') (H230717-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	02/16/2023	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	02/15/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 3 (25') (H230717-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	02/16/2023	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	02/16/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 4 (25') (H230717-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	02/16/2023	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	02/16/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 5 (25') (H230717-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	02/16/2023	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	02/16/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 6 (25') (H230717-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	02/16/2023	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	02/16/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	02/15/2023	Sampling Date:	02/15/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 7 (25') (H230717-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.14	107	2.00	0.818	
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	1.15	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	0.996	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.27	105	6.00	1.66	
Total BTEX	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	02/16/2023	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	02/16/2023	ND	213	106	200	5.39	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	197	98.5	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

1230717

Page 1 of 1

Project Manager:	Connor Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-5347	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Horse 29-1 Flowline Leak	Turn Around		Due Date:	24 HR	Parameters	ANALYSIS REQUEST										Preservative Codes					
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush				None: NO	DI Water: H ₂ O														
Project Number:	1098					BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																
Project Location:	Lee Co, NM																					
Sampler's Name:	GPJ																					
PO #:																						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6°C																			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.6°C																			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	4.0°C																			
Total Containers:																						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																
CS-1 (25')	2/15/2022		X		C	1	X	X	X													
CS-2 (25')	2/15/2022		X		C	1	X	X	X													
CS-3 (25')	2/15/2022		X		C	1	X	X	X													
CS-4 (25')	2/15/2022		X		C	1	X	X	X													
CS-5 (25')	2/15/2022		X		C	1	X	X	X													
CS-6 (25')	2/15/2022		X		C	1	X	X	X													
CS-7 (25')	2/15/2022		X		C	1	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-15-23 1518		



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February 16, 2023

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/15/23 15:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
-------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 1 (35')	H230717-01	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 2 (35')	H230717-02	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 3 (35')	H230717-03	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 4 (35')	H230717-04	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 5 (35')	H230717-05	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 6 (35')	H230717-06	Soil	15-Feb-23 00:00	15-Feb-23 15:18
CS - 7 (35')	H230717-07	Soil	15-Feb-23 00:00	15-Feb-23 15:18

02/16/23 - Client changed the depth on all the samples (see COC). This is the revised report and will replace the one sent earlier today, 02/16/23.

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 1 (35')
H230717-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	5040		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		3021532	JH	15-Feb-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	
Surrogate: 1-Chlorooctane			96.3 %	48.2-134		3021533	MS	15-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1-148		3021533	MS	15-Feb-23	8015B	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 2 (35')
H230717-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4320		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3021532	JH	15-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	15-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.0 %	48.2-134		3021533	MS	15-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %	49.1-148		3021533	MS	15-Feb-23	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 3 (35')
H230717-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	5920		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3021532	JH	15-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.7 %	48.2-134		3021533	MS	16-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	49.1-148		3021533	MS	16-Feb-23	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 4 (35')
H230717-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3440		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		3021532	JH	15-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	

Surrogate: 1-Chlorooctane			95.5 %	48.2-134		3021533	MS	16-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		3021533	MS	16-Feb-23	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 5 (35')
H230717-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	7060		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3021532	JH	15-Feb-23	8021B	
----------------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.1 %	48.2-134		3021533	MS	16-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %	49.1-148		3021533	MS	16-Feb-23	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 6 (35')
H230717-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4800		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3021532	JH	15-Feb-23	8021B	
----------------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.1 %	48.2-134		3021533	MS	16-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		3021533	MS	16-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
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**CS - 7 (35')
H230717-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	5360		16.0	mg/kg	4	3021627	AC	16-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3021532	JH	15-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3021532	JH	15-Feb-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3021532	JH	15-Feb-23	8021B	
----------------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3021533	MS	16-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.2 %	48.2-134		3021533	MS	16-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.5 %	49.1-148		3021533	MS	16-Feb-23	8015B	
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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
-------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3021627 - 1:4 DI Water										
Blank (3021627-BLK1)										
Prepared & Analyzed: 16-Feb-23										
Chloride	ND	16.0	mg/kg							
LCS (3021627-BS1)										
Prepared & Analyzed: 16-Feb-23										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3021627-BSD1)										
Prepared & Analyzed: 16-Feb-23										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
-------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3021532 - Volatiles

Blank (3021532-BLK1)

Prepared & Analyzed: 15-Feb-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	71.5-134			

LCS (3021532-BS1)

Prepared & Analyzed: 15-Feb-23

Benzene	2.14	0.050	mg/kg	2.00		107	81.4-118			
Toluene	2.11	0.050	mg/kg	2.00		105	88.7-121			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	86.1-120			
m,p-Xylene	4.22	0.100	mg/kg	4.00		105	88.2-124			
o-Xylene	2.06	0.050	mg/kg	2.00		103	84.9-118			
Total Xylenes	6.27	0.150	mg/kg	6.00		105	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.8	71.5-134			

LCS Dup (3021532-BSD1)

Prepared & Analyzed: 15-Feb-23

Benzene	2.12	0.050	mg/kg	2.00		106	81.4-118	0.818	15.8	
Toluene	2.08	0.050	mg/kg	2.00		104	88.7-121	1.15	15.9	
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	86.1-120	0.996	16	
m,p-Xylene	4.17	0.100	mg/kg	4.00		104	88.2-124	1.09	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		99.9	84.9-118	2.86	16.7	
Total Xylenes	6.17	0.150	mg/kg	6.00		103	87.3-122	1.66	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0485		mg/kg	0.0500		97.0	71.5-134			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND TX, 79701	Project: HORSE 29 - 1 FLOWLINE LEAK Project Number: 1098 Project Manager: CONNER MOEHRING Fax To:	Reported: 16-Feb-23 16:29
-------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3021533 - General Prep - Organics

Blank (3021533-BLK1)			Prepared & Analyzed: 15-Feb-23							
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.2		mg/kg	50.0		98.4	48.2-134			
Surrogate: 1-Chlorooctadecane	55.4		mg/kg	50.0		111	49.1-148			

LCS (3021533-BS1)			Prepared & Analyzed: 15-Feb-23							
GRO C6-C10	213	10.0	mg/kg	200		106	78.5-124			
DRO >C10-C28	197	10.0	mg/kg	200		98.5	72.5-126			
Total TPH C6-C28	410	10.0	mg/kg	400		102	77.6-123			
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	48.2-134			
Surrogate: 1-Chlorooctadecane	54.7		mg/kg	50.0		109	49.1-148			

LCS Dup (3021533-BSD1)			Prepared & Analyzed: 15-Feb-23							
GRO C6-C10	201	10.0	mg/kg	200		101	78.5-124	5.39	17.7	
DRO >C10-C28	189	10.0	mg/kg	200		94.6	72.5-126	4.10	21	
Total TPH C6-C28	390	10.0	mg/kg	400		97.6	77.6-123	4.77	18.5	
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	48.2-134			
Surrogate: 1-Chlorooctadecane	53.0		mg/kg	50.0		106	49.1-148			

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: A236717

Page 1 of 1

Project Manager:	Connor Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St, Suite 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-5347	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Horse 29-1 Flowline Leak	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 HR
Project Number:	1098	Pres. Code			
Project Location:	Lea Co, NM	Parameters			
Sampler's Name:	GPJ	BTEX 8021B			
PO #:		TPH 8015M (GRO + DRO + MRO)			
		Chloride 4500			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Preservative Codes	Sample Comments
CS-1 (25') (35')	2/15/2022		X		C	1	None: NO DI Water: H ₂ O	
CS-2 (25') (35')	2/15/2022		X		C	1	Cool: Cool MeOH: Me	
CS-3 (25') (35')	2/15/2022		X		C	1	HCL: HC HNO ₃ : HN	
CS-4 (25') (35')	2/15/2022		X		C	1	H ₂ SO ₄ : H ₂ NaOH: Na	
CS-5 (25') (35')	2/15/2022		X		C	1	H ₃ PO ₄ : HP NaHSO ₄ : NABIS	
CS-6 (25') (35')	2/15/2022		X		C	1	Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn	
CS-7 (25') (35')	2/15/2022		X		C	1	NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Connor Moehring / cmoehring@carmonaresources.com

* customer emailed to change depths. See email. Rodriguez 2-16-23

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-15-23 15:18		



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February 20, 2023

MIKE CARMONA
CARMONA RESOURCES
310 W WALL ST SUITE 415
MIDLAND, TX 79701

RE: HORSE 29 - 1 FLOWLINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/17/23 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 1 (35') (H230760-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2023	ND	416	104	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	02/17/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 2 (35') (H230760-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 3 (35') (H230760-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 4 (35') (H230760-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 5 (35') (H230760-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 6 (35') (H230760-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 7 (35') (H230760-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 8 (35') (H230760-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 9 (35') (H230760-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (35') (H230760-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 11 (35') (H230760-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 12 (35') (H230760-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/20/2023	ND	416	104	400	0.00	QR-03

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/18/2023	ND	191	95.7	200	1.75		
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46		
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 13 (35') (H230760-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 14 (35') (H230760-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 15 (35') (H230760-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 16 (35') (H230760-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 17 (35') (H230760-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	191	95.7	200	1.75	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	194	97.2	200	1.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 18 (35') (H230760-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/18/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/18/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/18/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/18/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/20/2023	ND	416	104	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	02/17/2023	ND	200	99.9	200	0.0891	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	188	93.8	200	0.210	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: ISW - 1 (10') (H230760-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2023	ND	2.07	103	2.00	2.13	
Toluene*	<0.050	0.050	02/18/2023	ND	2.03	101	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/18/2023	ND	2.03	101	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/18/2023	ND	6.17	103	6.00	2.73	
Total BTEX	<0.300	0.300	02/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	02/20/2023	ND	416	104	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	02/17/2023	ND	200	99.9	200	0.0891	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	188	93.8	200	0.210	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: ISW - 2 (10') (H230760-20)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2023	ND	2.06	103	2.00	0.972	
Toluene*	<0.050	0.050	02/18/2023	ND	2.05	102	2.00	4.13	
Ethylbenzene*	<0.050	0.050	02/18/2023	ND	2.04	102	2.00	3.08	
Total Xylenes*	<0.150	0.150	02/18/2023	ND	6.16	103	6.00	1.46	
Total BTEX	<0.300	0.300	02/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	02/20/2023	ND	416	104	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	02/17/2023	ND	200	99.9	200	0.0891	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	188	93.8	200	0.210	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	HORSE 29 - 1 FLOWLINE LEAK	Sampling Condition:	Cool & Intact
Project Number:	1098	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: ISW - 3 (10') (H230760-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2023	ND	2.06	103	2.00	0.972	
Toluene*	<0.050	0.050	02/18/2023	ND	2.05	102	2.00	4.13	
Ethylbenzene*	<0.050	0.050	02/18/2023	ND	2.04	102	2.00	3.08	
Total Xylenes*	<0.150	0.150	02/18/2023	ND	6.16	103	6.00	1.46	
Total BTEX	<0.300	0.300	02/18/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	02/20/2023	ND	416	104	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	02/18/2023	ND	200	99.9	200	0.0891	
DRO >C10-C28*	<10.0	10.0	02/18/2023	ND	188	93.8	200	0.210	
EXT DRO >C28-C36	<10.0	10.0	02/18/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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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.
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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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H230760

Page 1 of 3

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 West Wall St. Suite 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-5347	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST		Preservative Codes
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush				
Horse 29-1 Flowline Leak	1098	Lea Co, NM	FV			24 HR				None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NAHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SAMPLE RECEIPT					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HOLD	
Received Intact:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113			
Cooler Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	4.8			
Sample Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.8			
Total Containers:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	4.2			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments	
SW-1 (35')	2/17/2023		X		C	1	X	X		
SW-2 (35')	2/17/2023		X		C	1	X	X		
SW-3 (35')	2/17/2023		X		C	1	X	X		
SW-4 (35')	2/17/2023		X		C	1	X	X		
SW-5 (35')	2/17/2023		X		C	1	X	X		
SW-6 (35')	2/17/2023		X		C	1	X	X		
SW-7 (35')	2/17/2023		X		C	1	X	X		
SW-8 (35')	2/17/2023		X		C	1	X	X		
SW-9 (35')	2/17/2023		X		C	1	X	X		
SW-10 (35')	2/17/2023		X		C	1	X	X		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Carmona Resources</i>	2-17-23 15:21	<i>Michael W...</i>	

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Oil Conservation Division
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QUESTIONS

Action 557647

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2228545175
Incident Name	NAPP2228545175 HORSE 29 STATE #1H @ 30-025-39633
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-39633] HORSE 29 STATE #001H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	HORSE 29 STATE #1H
Date Release Discovered	07/19/2022
Surface Owner	State

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 5 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 5 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)	Initially internally reported as 3 bbl release. after assessment, it appears to be larger than 5 bbls.

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QUESTIONS, Page 2

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_green@eogresources.com Date: 02/26/2026
----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	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	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	54800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	33160
GRO+DRO (EPA SW-846 Method 8015M)	27870
BTEX (EPA SW-846 Method 8021B or 8260B)	69.4
Benzene (EPA SW-846 Method 8021B or 8260B)	24.9

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

On what estimated date will the remediation commence	01/30/2023
On what date will (or did) the final sampling or liner inspection occur	02/17/2023
On what date will (or was) the remediation complete(d)	03/07/2023
What is the estimated surface area (in square feet) that will be reclaimed	2088
What is the estimated volume (in cubic yards) that will be reclaimed	2180
What is the estimated surface area (in square feet) that will be remediated	2088
What is the estimated volume (in cubic yards) that will be remediated	2108

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

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

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QUESTIONS, Page 4

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	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.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_green@eogresources.com Date: 02/26/2026
----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

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

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QUESTIONS, Page 5

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	558159
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2023
What was the (estimated) number of samples that were to be gathered	21
What was the sampling surface area in square feet	2088

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	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	2088
What was the total volume (cubic yards) remediated	2180
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	2088
What was the total volume (in cubic yards) reclaimed	2180
Summarize any additional remediation activities not included by answers (above)	NA

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	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_green@eogresources.com Date: 02/26/2026
----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

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QUESTIONS, Page 7

Action 557647

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 557647

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 557647
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	4/8/2026