



**SITE INFORMATION**

---

**Closure Report**  
**Green Drake 16 Fed Com #402H**  
**Lea County, New Mexico**  
**Incident ID: NAPP2222251300**  
**Unit I Sec 16 T25S R33E**  
**32.129780°, -103.572726°**

**Reuse Water Release**  
**Point of Release: Pump Down Tanks**  
**Release Date: 08/02/2022**  
**Volume Released: 5 barrels of Reuse Water**  
**Volume Recovered: 2 barrels of Reuse 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      TABLES

APPENDIX B      PHOTOS

APPENDIX C      INITIAL C-141 AND FINAL/NMOCDCORRESPONDENCE

APPENDIX D      SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E      LABORATORY REPORT



May 15, 2023

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

**Re: Closure Report  
Green Drake 16 Fed Com #402H  
EOG Resources Inc.  
Incident # NAPP2222251300  
Site Location: Unit I, S16, T25S, R33E  
(Lat 32.129780°, Long -103.572726°)  
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 assessment activities for the Green Drake 16 Fed Com #402H. This site is located at 32.129780°, -103.572726° within Unit I, S16, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 2, 2022, due to a digital tank level gauge failure causing a pump-down tank overflow. It resulted in the release of approximately five (5) barrels of reuse water, and two (2) barrels of reuse water were recovered. The impacted area occurred on the pad. See Figure 3. The initial C-141 form is attached in Appendix C.

On November 4, 2022, the NMOCD granted a 90-day extension to February 2, 2023, to submit the approved work plan. The notification and correspondence are attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.69 miles Southwest of the site in S20, T25S, R33E and was drilled in 1981. The well has a reported depth to groundwater of 204.36' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On January 3, 2023, H&R Enterprises, LLC was onsite to drill a groundwater determination bore to 60' 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 60' below the surface. The coordinates for the groundwater determination bore are 32.130188, -103.572554. 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

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



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**

##### **Trenching Activities**

On November 3, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Four (4) trenches and four (4) horizontal samples were advanced to depths ranging from the surface to 8' bgs inside the release area to assess the vertical and horizontal 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 E. See Table 1 for the analytical results.

##### **Vertical Delineation**

Vertical delineation was achieved for Trenches (T-1, T-2, T-3, and T-4), all below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

##### **Horizontal Delineation**

The areas of H-1 through H-4 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

#### **5.0 Remediation Activities**

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on April 4, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of forty (40) floor confirmation samples were collected (CS-1 through CS-40), and twelve (12) sidewall samples (SW-1 through SW-12) 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 E. The excavation depths and confirmation sample locations are shown in Figure 4.

The confirmation sample (CS-4) showed an elevated chloride level of 14,000 mg/kg and was excavated to an additional 0.5' to remove contaminated soil and was re-collected. All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.



Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,072 cubic yards of material were excavated and transported offsite for proper disposal.

**5.0 Conclusions**

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

Sincerely,

**Carmona Resources, LLC**

A handwritten signature in black ink, appearing to read "Mike Carmona".

Mike Carmona  
Environmental Manager

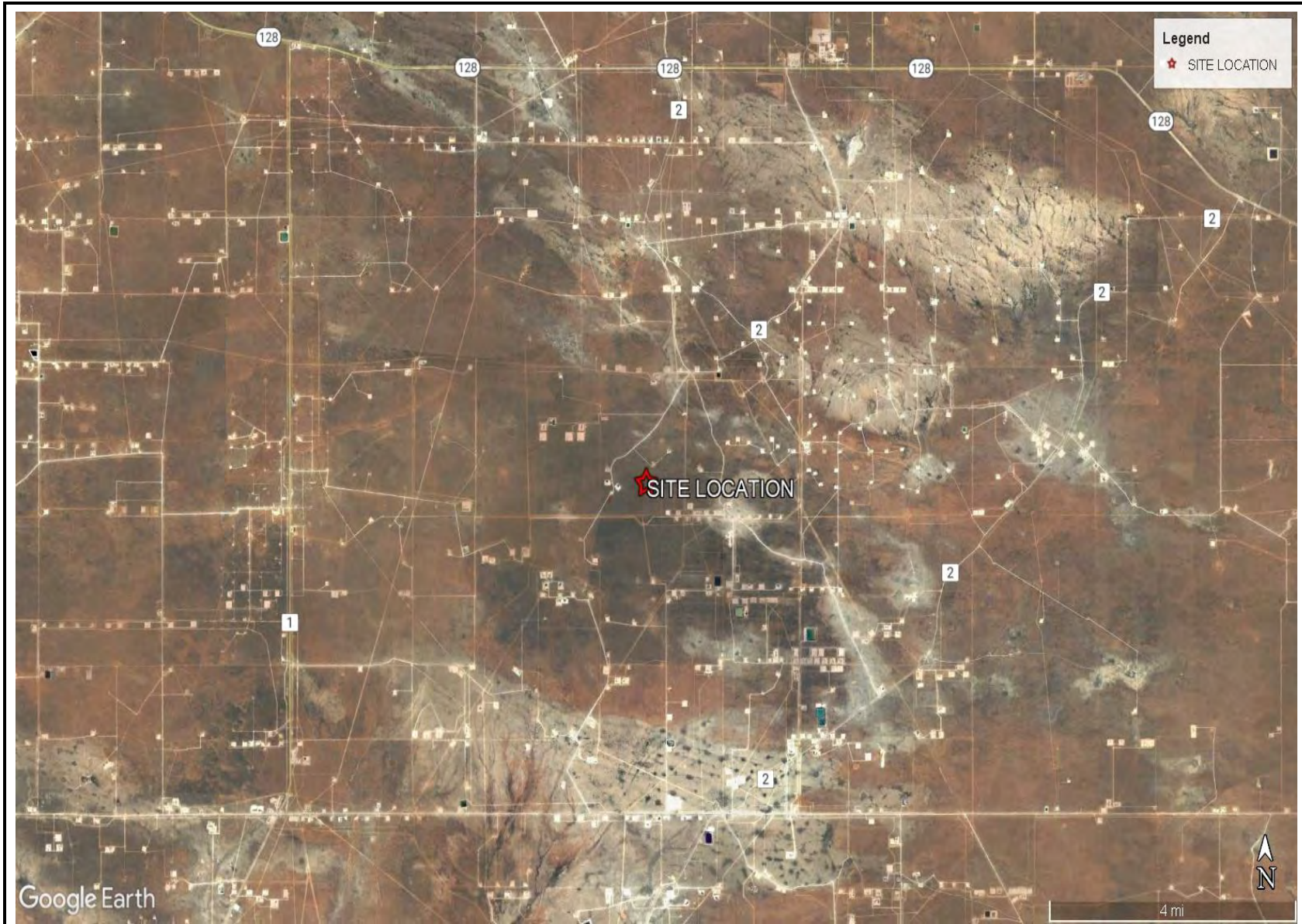
A handwritten signature in black ink, appearing to read "Conner Moehring".

Conner Moehring  
Sr. Project Manager

# FIGURES

CARMONA RESOURCES

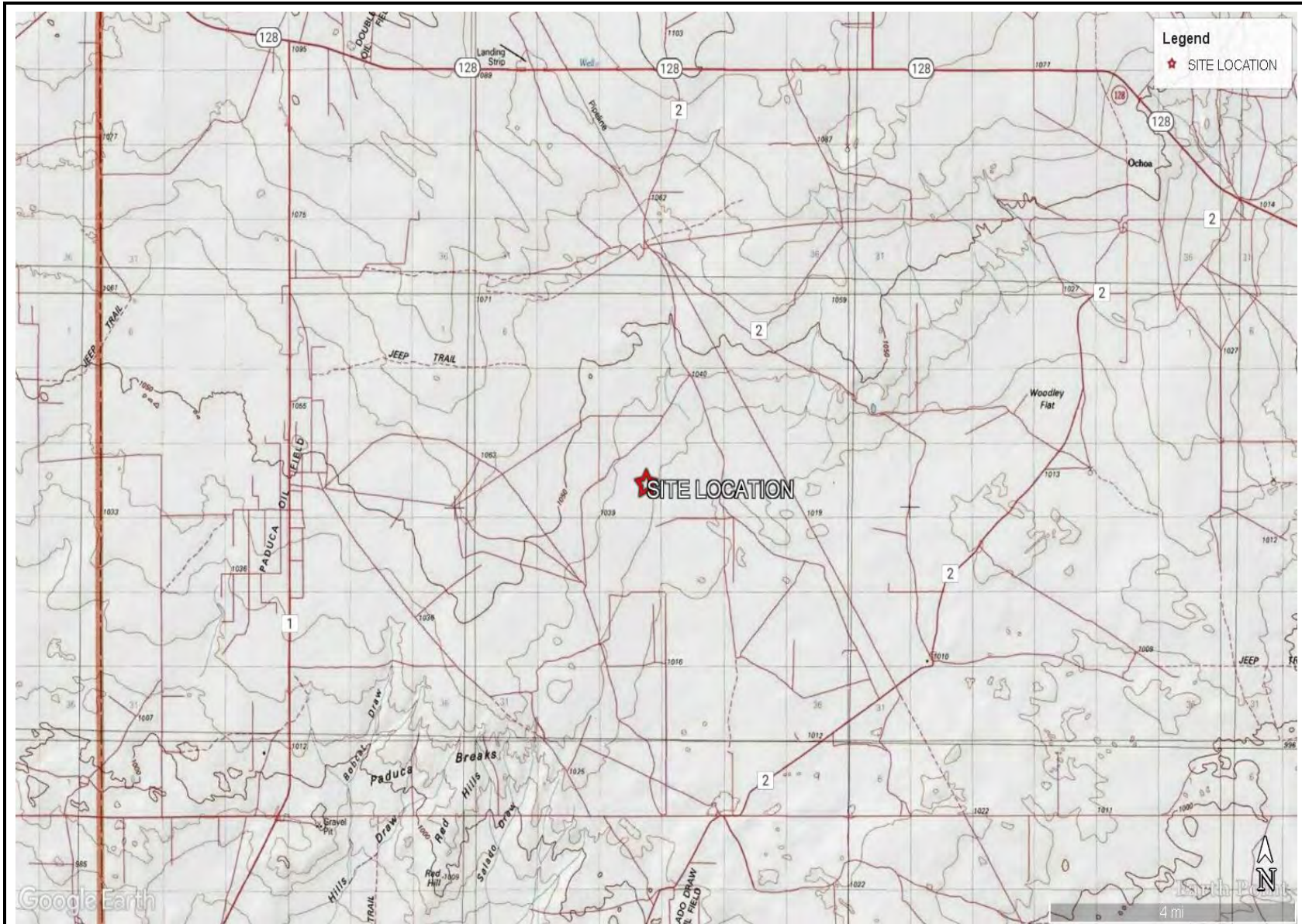




OVERVIEW MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



FIGURE 1

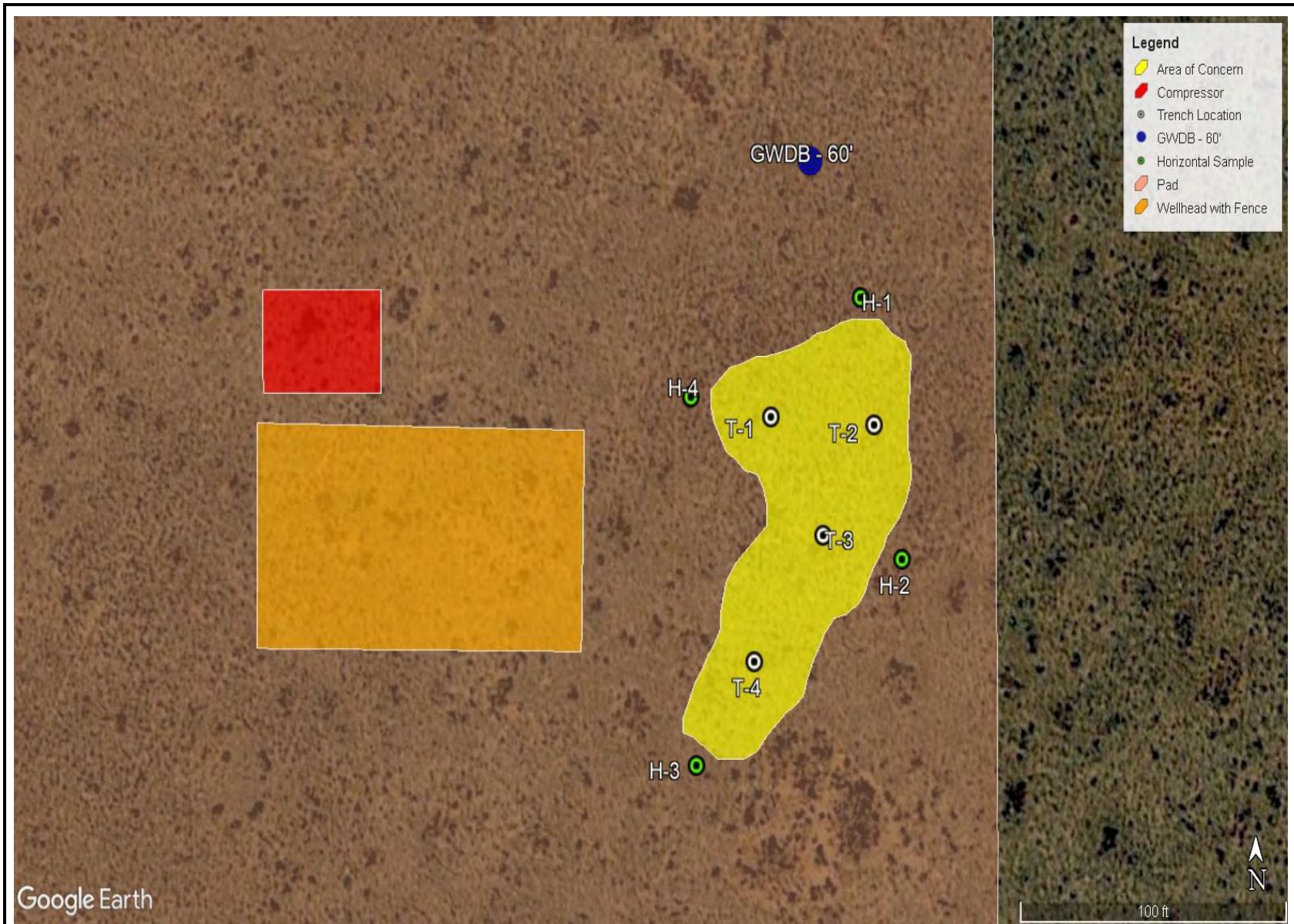


TOPOGRAPHIC MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



FIGURE 2






SAMPLE LOCATION MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



FIGURE 3



<p>EXCAVATION MAP EOG RESOURCES GREEN DRAKE 16 FED COM #402H LEA COUNTY, NEW MEXICO 32.129780, -103.572726</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
--	--	-----------------

# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG**  
**Green Drake Fed Com 402H**  
**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						
T-1	11/3/2022	0-1'	<10.0	133	45.2	178	<0.050	<0.050	<0.050	<0.150	<0.300	34,400
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,360
	"	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
	"	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,840
	"	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,160
	"	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
	"	6.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,760
	"	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-2	11/3/2022	0-1'	<10.0	50.6	12.8	63.4	<0.050	<0.050	<0.050	<0.150	<0.300	52,800
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,270
	"	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,720
	"	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,720
	"	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,160
	"	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,560
	"	6.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,440
	"	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,950
	"	8.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
T-3	11/3/2022	0-1'	<10.0	560	346	906	<0.050	<0.050	<0.050	<0.150	<0.300	24,800
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,220
	"	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-4	11/3/2022	0-1'	<10.0	342	213	555	<0.050	<0.050	<0.050	<0.150	<0.300	9,120
		1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,980
	"	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,040
	"	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,840
	"	4.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
	"	5.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	6.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-1	11/3/2022	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/3/2022	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	11/3/2022	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	11/3/2022	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>	<b>10 mg/kg</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50 mg/kg</b>	<b>10,000 mg/kg</b>	

(-) Not Analyzed  
<sup>A</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (T) Trench  
 (H) Horizontal  
 Removed

**Table 2**  
**EOG**  
**Green Drake Fed Com 402H**  
**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	4/7/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
CS-2	4/7/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,360
CS-3	4/7/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,240
CS-4	4/7/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	14,000
	4/13/2023	5.0'	10.5	<10.0	<10.0	10.5	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-5	4/7/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-6	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,760
CS-7	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
CS-8	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,520
CS-9	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,680
CS-10	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,840
CS-11	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,320
CS-12	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,720
CS-13	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,480
CS-14	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,560
CS-15	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,080
CS-16	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-17	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
CS-18	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,720
CS-19	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,000
CS-20	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Removed

**Table 2**  
**EOG**  
**Green Drake Fed Com 402H**  
**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-21	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-22	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-23	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-24	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-26	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-28	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-29	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-30	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-31	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-32	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-34	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-35	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	752
CS-36	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,390
CS-37	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
CS-38	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,410
CS-39	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,820
CS-40	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,980
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

**Table 2  
EOG  
Green Drake Fed Com 402H  
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						
SW-1	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	4/11/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-8	4/11/2023	4.5'	<10.0	12.5	18.3	30.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	4/11/2023	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	4/10/2023	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-11	4/10/2023	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-12	4/10/2023	2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

## APPENDIX B

CARMONA RESOURCES





# PHOTOGRAPHIC LOG

EOG Resources, Inc

## Photograph No. 1

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View South, area of CS-1 through CS-20.



## Photograph No. 2

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of CS-1 through CS-20.



## Photograph No. 3

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View West, area of CS-21 through CS-40.



# PHOTOGRAPHIC LOG

EOG Resources, Inc

## Photograph No. 4

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View North, area of CS-21 through CS-34.



## Photograph No. 5

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View West, area of CS-35 through CS-40.



## 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	nAPP2222251300
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2222251300
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.129780° Longitude -103.572726°  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Green Drake 16 Fed Com #402H	Site Type Well Pad
Date Release Discovered 8/2/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	16	25S	33E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Reuse Water	Volume Released (bbls) 5	Volume Recovered (bbls) 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input 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)

Cause of Release: The digital tank level gauge failed. The wrong measurement caused the operator to fill and overflow the pump down tanks. This released approximately 5 bbls of treated reuse water on the pad with 2 bbls recovered.

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	NAPP2222251300
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### 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>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>8/10/22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>08/10/2022</u>

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

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

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

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

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

CONDITIONS

Action 132803

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 132803
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/10/2022

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 <b>not</b> 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: Todd Wells Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



State of New Mexico  
Oil Conservation Division

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: Todd Wells 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: Nelson Velez Date: 09/01/2023  
 Printed Name: Nelson Velez Title: Environmental Specialist – Adv

FW: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

 Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
11/4/2022 11:18 AM

To: Todd Wells Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harmon, Jocelyn, EMNRD

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Todd

OCD has approved your 90-day extension request to February 2, 2023 to submit your remediation plan/closure request. 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.

Thanks,  
Jennifer Nobui

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Friday, November 4, 2022 9:12 AM  
**To:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Subject:** Fw: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

**From:** Todd Wells <Todd\_Wells@eogresources.com>  
**Sent:** Friday, November 4, 2022 8:47 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

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

Good Morning,

This correspondence is to request a ninety day extension of time from the OCD for the reuse water release at the EOG, Green Drake 16 Fed Com #402H, Incident #nAPP2222251300, location in Lea County, New Mexico. Following the release, the completions operations continued for an extended period of weeks on the site for multiple operations on the same pad. The completions operations and equipment at the site prevented access to begin the remediation. The personnel and equipment have moved off the location and remediation activities have started at this site in order to complete the remediation. The requested extension of time is to complete the remediation, write and submit the closure report. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells  
Environmental Specialist  
Midland Division

  
5509 Champions Drive  
Midland, TX 79706  
O: (432) 686-3613  
C: (432) 312-7736

---

**From:** Enviro, OCD, EMNRD  
**Sent:** Tuesday, April 4, 2023 5:06 PM  
**To:** Conner Moehring  
**Cc:** Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD  
**Subject:** RE: [EXTERNAL] EOG - Green Drake 16 Fed Com 402H - Sampling Notification

Conner,

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](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Sent:** Tuesday, April 4, 2023 10:25 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Todd Wells <[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)>  
**Subject:** [EXTERNAL] EOG - Green Drake 16 Fed Com 402H - Sampling Notification

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 confirmation samples for the below site on 04/07/23 around 8:00 a.m. Please let me know if you have any questions.

EOG – Green Drake 16 Fed Com 402H  
nAPP2222251300  
Sec 16 T25S R33E  
32.129780, -103.572726  
Lea County, New Mexico

Conner R. Moehring  
310 West Wall Street, Suite 500  
Midland Texas, 79701  
M: 432-813-6823  
[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)



## APPENDIX D





CARMONA RESOURCES



# Groundwater Determination Bore Map

EOG Resources

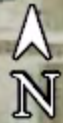
**Legend**

-  0.50 Mile Radius
-  Green Drake 16 Fed Com 402H
-  GWDB - 60'
-  Pad



GWDB - 60'

Green Drake 16 Fed Com 402H



2000 ft



<b>Project Name :</b>	<b>EOG - Green Drake 402</b>	<b>Date :</b>	<b>Tuesday, January 3, 2023</b>
<b>Project No. :</b>	<b>1170</b>	<b>Sampler :</b>	
<b>Location :</b>	<b>Lea County, New Mexico</b>	<b>Driller :</b>	<b>HR Drilling</b>
<b>Coordinates :</b>	<b>32.130188°, -103.572554°</b>	<b>Method :</b>	<b>Air Rotary</b>
<b>Elevation :</b>	<b>3,391'</b>		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Red to light brown very loose, soft silty sand, dry, no organics (SM).		50		(50') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
5		(5') - Red to light brown very loose, soft silty sand, dry, no organics (SM).		55		(55') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
10		(10') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		60		(60') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
15		(15') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		65			
20		(20') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		70			
25		(25') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		75			
30		(30') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		80			
35		(35') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		85			
40		(40') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).		90			
45		(45') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).		95			
50				105			

Comments : Boring terminated at 60' due to borehole collapsing. No groundwater was detected.

# Nearest water well

EOG Resources

**Legend**

- 0.50 Mile Radius
- 1.69 Miles
- 2.06 Miles
- 2.48 Miles
- 2.61 Miles
- 2.87 Miles
- Green Drake 402
- NMSEO Water Well
- USGS Water Well

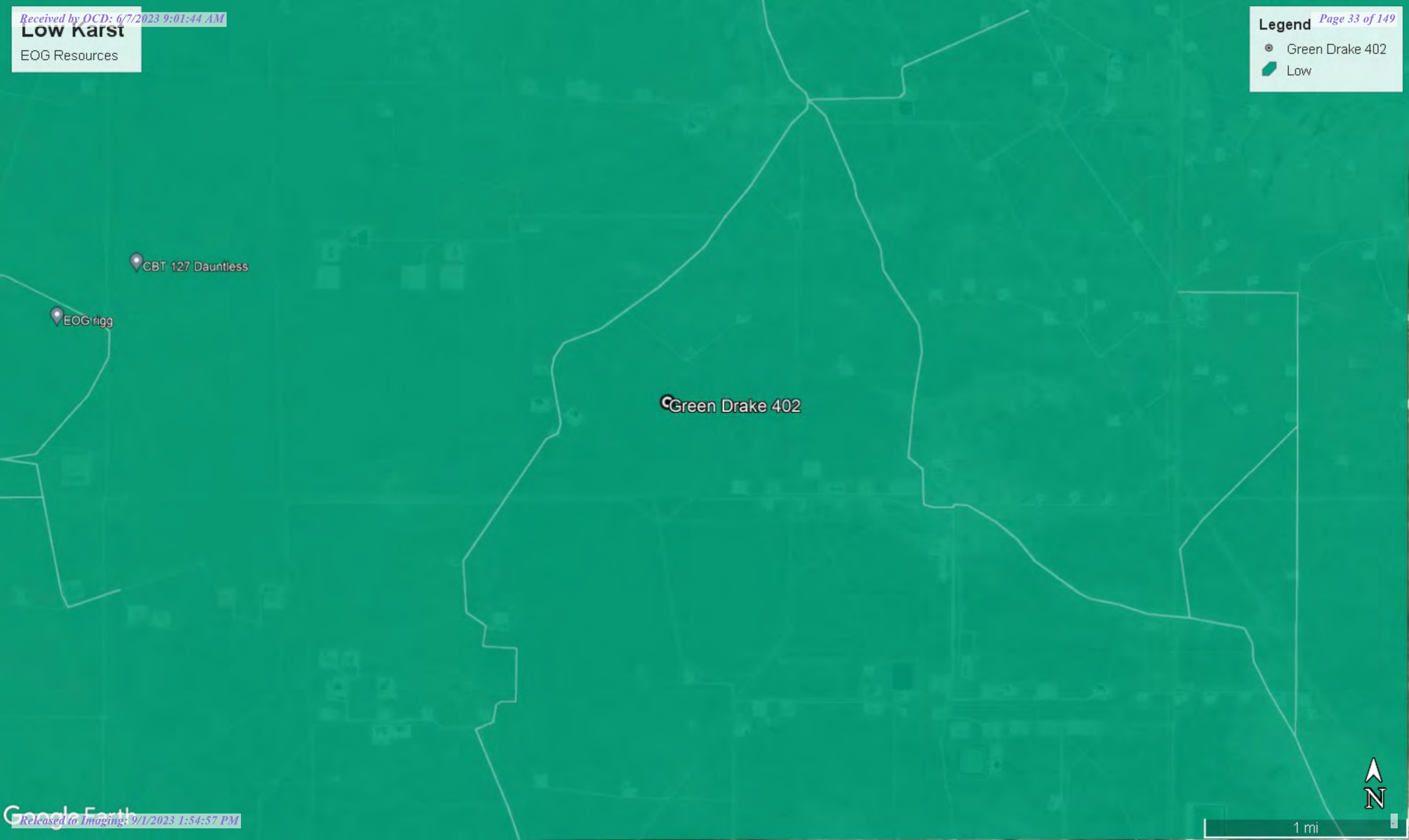




# LOW karst

EOG Resources

- Green Drake 402
- Low





# 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
<a href="#">C 04627 POD1</a>	CUB	LE	3	3	4	08	25S	33E	632665	3556725		2180			
<a href="#">C 02373 CLW317846</a>	O	CUB	2	1	1	13	25S	33E	638518	3556544*		3989	625	185	440
<a href="#">C 02373 S</a>	CUB	LE	1	2	1	13	25S	33E	638721	3556549*		4189	625	185	440
<a href="#">C 02313</a>	CUB	LE	2	3	3	26	25S	33E	636971	3552098*		4340	150	110	40

Average Depth to Water: **160 feet**

Minimum Depth: **110 feet**

Maximum Depth: **185 feet**

Record Count: 4

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 634610.19

**Northing (Y):** 3555739.81

**Radius:** 4500

\*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.



USGS Home  
Contact USGS  
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

Click to hide News Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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

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

Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 

- 320631103351401

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

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico  
Latitude 32°06'31", Longitude 103°35'14" NAD27  
Land-surface elevation 3,398 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1981-03-25			D 62610		3192.01	NGVD29	1		Z	
1981-03-25			D 62611		3193.64	NAVD88	1		Z	
1981-03-25			D 72019	204.36			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

Section	Code	Description
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](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

[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: 2022-11-02 10:45:02 EDT

0.28 0.24 nadww02



USGS Home  
 Contact USGS  
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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

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

**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 320615103352601

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

**USGS 320615103352601 25S.33E.20.443331**

Lea County, New Mexico  
 Latitude 32°06'15", Longitude 103°35'26" NAD27  
 Land-surface elevation 3,404 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Ogallala Formation (121OGLL) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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		3189.60	NGVD29	1		Z	
1970-12-08			D 62611		3191.23	NAVD88	1		Z	
1970-12-08			D 72019	212.77			1		Z	
1976-01-08			D 62610		3189.40	NGVD29	1		Z	
1976-01-08			D 62611		3191.03	NAVD88	1		Z	
1976-01-08			D 72019	212.97			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

Section	Code	Description
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](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

[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: 2022-11-02 10:43:34 EDT

0.27 0.24 nadww02



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	02373 CLW317846	2	1	1	13	25S	33E	638518	3556544*

---

<b>Driller License:</b> 421	<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b>		
<b>Drill Start Date:</b> 09/08/1993	<b>Drill Finish Date:</b> 09/08/1993	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rcv Date:</b> 02/09/1996	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b> 60 GPM
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 625 feet	<b>Depth Water:</b> 185 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.

11/2/22 8:34 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	02373 S	1 2 1	13	25S	33E	638721	3556549*

<b>Driller License:</b> 421	<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b>		
<b>Drill Start Date:</b> 09/08/1993	<b>Drill Finish Date:</b> 09/08/1993	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rev Date:</b> 02/09/1996	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b> 60 GPM
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 625 feet	<b>Depth Water:</b> 185 feet

<b>Meter Number:</b> 581	<b>Meter Make:</b> WATERSPECIAL
<b>Meter Serial Number:</b> 9549683	<b>Meter Multiplier:</b> 100.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b>

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/31/1999	1999	2206	A	ms		0
06/30/1999	1999	2350	A	ms		0.186
09/30/1999	1999	4567	A	ms		2.858
01/06/2000	1999	6110	A	ms		1.989
05/01/2000	2000	9350	A	mb		0
06/30/2000	2000	10252	A	mb		0.277
10/13/2000	2000	16915	A	RPT		2.045
01/17/2001	2000	33917	A	RPT		5.218
05/17/2001	2001	39208	A	RPT		1.624
06/30/2001	2001	39212	A	RPT		0.001
09/30/2001	2001	48868	A	RPT		2.963
01/03/2002	2002	56680	A	RPT		2.397
06/30/2002	2002	70870	A	RPT		4.355
12/31/2002	2002	112683	A	RPT		12.832
03/31/2003	2003	134871	A	RPT		6.809
06/30/2003	2003	135029	A	RPT		0.048
09/30/2003	2003	139662	A	ab		1.422
12/31/2003	2003	145345	A	ab		1.744
04/05/2004	2004	162284	A	RPT		5.198
10/07/2004	2004	172774	A	tw		3.219
01/01/2005	2004	180237	A	RPT		2.290
04/01/2005	2005	183300	A	RPT		0.940
07/01/2005	2005	183613	A	RPT		0.096
10/10/2005	2005	185173	A	RPT		0.479
01/01/2006	2005	185386	A	RPT		0.065



03/31/2006	2006	186880	A	RPT	0.458
06/30/2006	2006	196667	A	tw	3.004
12/31/2006	2006	205842	A	tw	2.816
04/03/2007	2007	211071	A	RPT	1.605
07/01/2007	2007	211071	A	RPT	0
10/01/2007	2007	211071	A	RPT	0
12/03/2007	2007	211071	A	RPT	0
03/30/2008	2008	211071	A	RPT	0
06/30/2008	2008	211071	A	RPT	0
09/30/2008	2008	211071	A	RPT	0
12/30/2008	2008	211071	A	RPT	0
03/31/2010	2010	109594	R	RPT Meter Rollover	275.747
06/30/2010	2010	156195	A	tw	14.301
09/30/2010	2010	199335	A	RPT	13.239
12/31/2010	2010	231813	A	RPT	9.967
04/01/2011	2011	263630	A	RPT	9.764

x

**YTD Meter Amounts:	Year	Amount
	1999	5.033
	2000	7.540
	2001	4.588
	2002	19.584
	2003	10.023
	2004	10.707
	2005	1.580
	2006	6.278
	2007	1.605
	2008	0
	2010	313.254
	2011	9.764

\*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.

11/2/22 8:40 AM

POINT OF DIVERSION SUMMARY



USGS Home  
Contact USGS  
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

Click to hide News Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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

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

Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 

- 320956103353801

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

USGS 320956103353801 25S.33E.05.12122

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

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1981-03-25			D 62610		3365.17	NGVD29	1	Z		
1981-03-25			D 62611		3366.84	NAVD88	1	Z		
1981-03-25			D 72019	107.83			1	Z		
1986-03-12			D 62610		3363.66	NGVD29	1	Z		
1986-03-12			D 62611		3365.33	NAVD88	1	Z		
1986-03-12			D 72019	109.34			1	Z		
1991-06-06			D 62610		3365.42	NGVD29	1	Z		
1991-06-06			D 62611		3367.09	NAVD88	1	Z		
1991-06-06			D 72019	107.58			1	Z		
1996-03-07			D 62610		3364.11	NGVD29	P	S		
1996-03-07			D 62611		3365.78	NAVD88	P	S		
1996-03-07			D 72019	108.89			P	S		
2013-01-17	16:00 UTC		m 62610		3354.19	NGVD29	P	S	USGS	

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
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	P		S	USGS
2013-01-17	16:00 UTC	m	72019	118.81			P		S	USGS

Explanation

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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

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?>

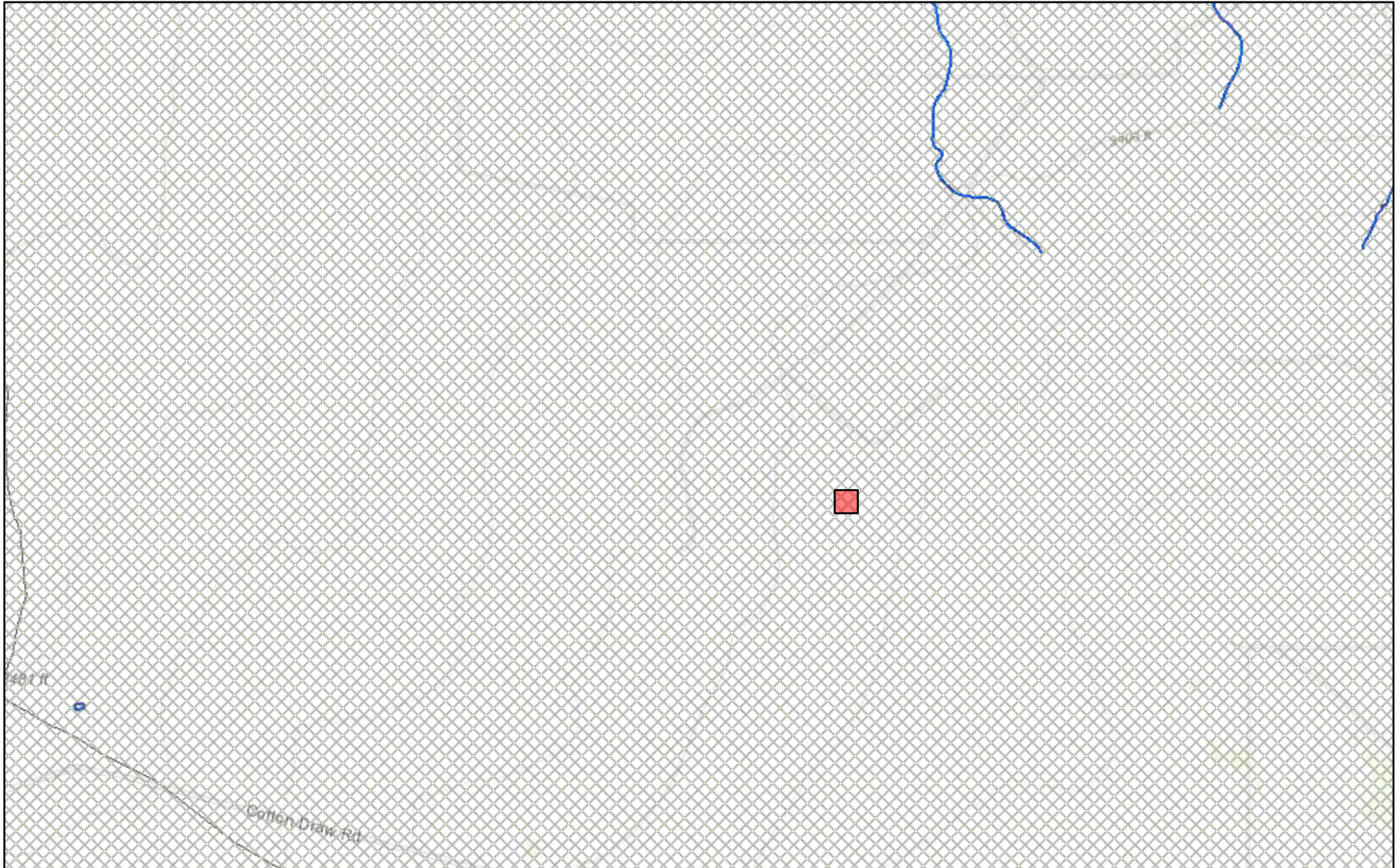


Page Contact Information: [New Mexico Water Data Maintainer](#)

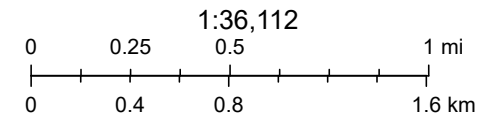
Page Last Modified: 2022-11-02 10:45:59 EDT

0.28 0.24 nadww01

# New Mexico NFHL Data



November 2, 2022



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

## APPENDIX E

CARMONA RESOURCES





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

---

November 07, 2022

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

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 16:45.

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](http://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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (0-1') (H225211-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 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
<b>Chloride</b>	<b>34400</b>	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
<b>DRO &gt;C10-C28*</b>	<b>133</b>	10.0	11/06/2022	ND	170	84.8	200	6.98	
<b>EXT DRO &gt;C28-C36</b>	<b>45.2</b>	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (1.5') (H225211-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.8 % 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	3360	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (2') (H225211-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 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	3600	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (3') (H225211-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 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	3840	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (4') (H225211-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 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	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (5') (H225211-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 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	5600	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (6') (H225211-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 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	1760	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (7') (H225211-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.5 % 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	144	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.5 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (0-1') (H225211-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 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
<b>Chloride</b>	<b>52800</b>	16.0	11/07/2022	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
<b>DRO &gt;C10-C28*</b>	<b>50.6</b>	10.0	11/06/2022	ND	170	84.8	200	6.98	
<b>EXT DRO &gt;C28-C36</b>	<b>12.8</b>	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (1.5') (H225211-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	2270	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (2') (H225211-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.2 % 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	2720	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (3') (H225211-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 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	4720	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (4') (H225211-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 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	6160	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (5') (H225211-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 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	3560	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (6') (H225211-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 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	2440	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (7') (H225211-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 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	1950	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (8') (H225211-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 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	336	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (0-1') (H225211-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 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
<b>Chloride</b>	<b>24800</b>	16.0	11/07/2022	ND	416	104	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*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20		
<b>DRO &gt;C10-C28*</b>	<b>560</b>	10.0	11/06/2022	ND	170	84.8	200	6.98		
<b>EXT DRO &gt;C28-C36</b>	<b>346</b>	10.0	11/06/2022	ND						

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 184 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (1.5') (H225211-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 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	1220	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (2') (H225211-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.7 % 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
<b>Chloride</b>	<b>144</b>	16.0	11/07/2022	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	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (3') (H225211-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	48.0	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (4') (H225211-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	32.0	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (0-1') (H225211-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	9120	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	342	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	213	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 71.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (1.5') (H225211-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	1980	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (2') (H225211-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	3040	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (3') (H225211-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	4840	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (4') (H225211-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	1200	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (5') (H225211-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	480	16.0	11/07/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (6') (H225211-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	64.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 (0-0.5') (H225211-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	32.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 (0-0.5') (H225211-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 (0-0.5') (H225211-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	16.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 (0-0.5') (H225211-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

11-322 1445

Page 1 of 1

Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 415  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823

Bill to: (if different)  
 Company Name: EOG Resources  
 Address: 5509 Champions Dr  
 City, State ZIP: Midland, Tx 79706

Email: Todd Wells@eogresources.com

Program: UST/PST  PRP  Brownfields  RC  Deepfund  
 State of Project:  Level II  Level III  ST/UST  PRP  Level IV   
 Reporting Level:  EDD  ADAPT  Other:

Project Name: Green Drake 402  
 Project Number: 1170  
 Project Location: Lea County, NM  
 Sampler's Name: CRM  
 PO #:   
 Turn Around:  Routine  Rush  
 Due Date: 72 Hrs

Temp Blank: Yes  No   
 Wet Ice: Yes  No   
 Thermometer ID: 113  
 Correction Factor: -0.06  
 Temperature Reading: 3.36  
 Corrected Temperature: 3.70

Received In tact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: 1

Sample Identification	Date	Time	Soil	Water	# of Cont	Parameters			ANALYSIS REQUEST				Preservative Codes	
						BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500						
T-1 (0-1')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (1.5')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (2')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (3')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (4')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (5')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (6')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (7')	11/3/2022		X	Grab/	1	X	X	X						
T-2 (0-1')	11/3/2022		X	Grab/	1	X	X	X						
T-2 (1.5')	11/3/2022		X	Grab/	1	X	X	X						

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature) *Conner Moehring* Date/Time: 11-3-22 1445

Received by: (Signature) *Sharon A. ...* Date/Time:   
 Date/Time:   
 Date/Time:

Chain of Custody

Work Order No: 11-3-22-1645

11-3-22-1645

Page 2 of 1

Page 37 of 39

Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 415  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823

Bill to: (if different)  
 Company Name: EOG Resources  
 Address: 5509 Champions Dr  
 City, State ZIP: Midland, Tx 79706

Email: Todd Wells@eogresources.com

Work Order Comments

Program:  UST/PST  PRP  Brownfields  RRC  Deepfund

State of Project:  Level II  Level III  ST/UST  RRP  Level IV

Reporting Level:  Level II  Level III  Level IV

Deliverables:  EDD  ADAPT  Other:

Project Name:	Green Drake 402		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
	Project Number:	1170	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	72 Hrs <th colspan="12"></th>													
Project Location:	Lea County, NM																			
Sampler's Name:	CRM																			
PO #:																				
<b>SAMPLE RECEIPT</b>			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																		
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:																		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
T-2 (2)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (3)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (4)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (5)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (6)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (7)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-2 (8)	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-3 (0-1')	11/3/2022		X		Grab/	1	X	X	X	X	X	X	X	X	X	X	X			
T-3 (1.5')	11/3/2022		X		Grab/	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

Relinquished by: (Signature) *Conner Moehring* Date/Time: 11-3-22 1645

Received by: (Signature) *Carmona Resources* Date/Time:

Chain of Custody

Work Order No: 42252

Page 3 of 4

Page 38 of 39

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

Program:	UST/PST	PRP	Rowfields	RRC	Level I	Level II	Level III	Level IV	
State of Project:	Reporting Level II	Level III	ST/UST	RRP	Level IV	Deliverables:	EDD	ADAPT	Other:

Project Name:	Green Drake 402	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rust: 72 Hrs	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	1170	Due Date:	72 Hrs			None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, NM					
Sampler's Name:	CRM					
PO #:						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
T-3 (2)	11/3/2022		X		Grab/	1	BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500
T-3 (3)	11/3/2022		X		Grab/	1	
T-3 (4)	11/3/2022		X		Grab/	1	
T-4 (0-1)	11/3/2022		X		Grab/	1	
T-4 (1.5)	11/3/2022		X		Grab/	1	
T-4 (2)	11/3/2022		X		Grab/	1	
T-4 (3)	11/3/2022		X		Grab/	1	
T-4 (4)	11/3/2022		X		Grab/	1	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11-3-22 1645	<i>Todd Wells</i>	

Chain of Custody

Work Order No: H29521

Page 4 of     

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/> State of Project: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/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:	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			
Green Drake 402	1170	Lea County, NM	CRM		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
<b>SAMPLE RECEIPT</b> Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Total Containers: <input type="checkbox"/>					Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: <u>113</u> Correction Factor: <u>-0.64</u> Temperature Reading: <u>3.30</u> Corrected Temperature: <u>2.72</u>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 4500		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont			Sample Comments
T-4 (5)	11/3/2022		X		Grab/	1	X	X	
T-4 (6)	11/3/2022		X		Grab/	1	X	X	
H-1 (0-0.5')	11/3/2022		X		Grab/	1	X	X	
H-2 (0-0.5')	11/3/2022		X		Grab/	1	X	X	
H-3 (0-0.5')	11/3/2022		X		Grab/	1	X	X	
H-4 (0-0.5')	11/3/2022		X		Grab/	1	X	X	

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11-3-22 16:45	<i>Michelle Weitzel</i>	



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

---

April 13, 2023

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

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 04/12/23 8:02.

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](http://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:	04/12/2023	Sampling Date:	04/07/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 1 (4.5') (H231714-01)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/07/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 2 (4.5') (H231714-02)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>2360</b>	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/07/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 3 (4.5') (H231714-03)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/07/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 4 (4.5') (H231714-04)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14000	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/07/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 5 (4.5') (H231714-05)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 6 (4.5') (H231714-06)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 7 (4.5') (H231714-07)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 8 (4.5') (H231714-08)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 9 (4.5') (H231714-09)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

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	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 10 (4.5') (H231714-10)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 11 (4.5') (H231714-11)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 12 (4.5') (H231714-12)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 13 (4.5') (H231714-13)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	04/12/2023	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	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 14 (4.5') (H231714-14)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	04/12/2023	ND	400	100	400	3.92	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	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 15 (4.5') (H231714-15)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 16 (4.5') (H231714-16)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 17 (4.5') (H231714-17)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	04/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 18 (4.5') (H231714-18)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 19 (4.5') (H231714-19)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	04/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 20 (4.5') (H231714-20)**

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	04/12/2023	ND	1.90	95.2	2.00	2.42	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	4.28	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.11	102	6.00	3.54	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	185	92.6	200	0.740	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	187	93.6	200	6.48	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 21 (2') (H231714-21)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 22 (2') (H231714-22)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 23 (2') (H231714-23)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

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	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 24 (2') (H231714-24)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

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	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 25 (2') (H231714-25)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 26 (2') (H231714-26)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

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	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 27 (2') (H231714-27)**

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	04/12/2023	ND	2.04	102	2.00	3.81	
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

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	04/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 28 (2') (H231714-28)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 29 (2') (H231714-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81	
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 30 (2') (H231714-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 31 (2') (H231714-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 32 (2') (H231714-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 33 (2') (H231714-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 34 (2') (H231714-34)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 35 (4.5') (H231714-35)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 36 (4.5') (H231714-36)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1390	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 37 (4.5') (H231714-37)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 38 (4.5') (H231714-38)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 39 (4.5') (H231714-39)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1820	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 40 (4.5') (H231714-40)**

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	04/12/2023	ND	2.04	102	2.00	3.81		
Toluene*	<0.050	0.050	04/12/2023	ND	2.15	108	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.10	105	2.00	5.84		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.55	109	6.00	6.57		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1980	16.0	04/12/2023	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	04/12/2023	ND	182	91.0	200	0.112		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	190	95.0	200	1.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 1 (4.5') (H231714-41)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

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	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 2 (4.5') (H231714-42)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 3 (4.5') (H231714-43)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 4 (4.5') (H231714-44)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 5 (2') (H231714-45)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 6 (4.5') (H231714-46)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40		
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811		
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128		
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807		
Total BTEX	<0.300	0.300	04/12/2023	ND						

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

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	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77		
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04		
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 7 (4.5') (H231714-47)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 8 (4.5') (H231714-48)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
<b>DRO &gt;C10-C28*</b>	<b>12.5</b>	10.0	04/12/2023	ND	176	88.0	200	2.04	
<b>EXT DRO &gt;C28-C36</b>	<b>18.3</b>	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/11/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 9 (2') (H231714-49)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 10 (4.5') (H231714-50)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 11 (2.5') (H231714-51)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

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	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Received:	04/12/2023	Sampling Date:	04/10/2023
Reported:	04/13/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Brandi Bautista
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SW - 12 (2.5') (H231714-52)**

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	04/12/2023	ND	1.93	96.6	2.00	1.40	
Toluene*	<0.050	0.050	04/12/2023	ND	2.02	101	2.00	0.811	
Ethylbenzene*	<0.050	0.050	04/12/2023	ND	2.08	104	2.00	0.128	
Total Xylenes*	<0.150	0.150	04/12/2023	ND	6.42	107	6.00	0.807	
Total BTEX	<0.300	0.300	04/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2023	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	04/12/2023	ND	186	93.0	200	3.77	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	176	88.0	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

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

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*

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 123174

Page 1 of 6

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

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
CS-1 (4.5)	4/7/2023		X		C	1	X	X	X	None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-2 (4.5)	4/7/2023		X		C	1	X	X	X	
CS-3 (4.5)	4/7/2023		X		C	1	X	X	X	
CS-4 (4.5)	4/7/2023		X		C	1	X	X	X	
CS-5 (4.5)	4/7/2023		X		C	1	X	X	X	
CS-6 (4.5)	4/10/2023		X		C	1	X	X	X	
CS-7 (4.5)	4/10/2023		X		C	1	X	X	X	
CS-8 (4.5)	4/10/2023		X		C	1	X	X	X	
CS-9 (4.5)	4/10/2023		X		C	1	X	X	X	
CS-10 (4.5)	4/10/2023		X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4.12.23/8:02	<i>[Signature]</i>	4.12.23 8:02

Chain of Custody

Work Order No:

4231714

Page 2 of 6

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

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Deepfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/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:	Green Drake 402	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes		
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush					
Project Number:	1170					None: NO		
Project Location:	Lea County, NM	Due Date: 24 Hrs				Cool: Cool		
Sampler's Name:	KGB					HCL: HC		
PO #:						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:				NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:				Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:				Zn Acetate+NaOH: Zn		
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:				NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
CS-11 (4.5')	4/10/2023		X		C	1	BTEX 8021B	
CS-12 (4.5')	4/10/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)	
CS-13 (4.5')	4/10/2023		X		C	1	Chloride 4500	
CS-14 (4.5')	4/10/2023		X		C	1		
CS-15 (4.5')	4/10/2023		X		C	1		
CS-16 (4.5')	4/10/2023		X		C	1		
CS-17 (4.5')	4/10/2023		X		C	1		
CS-18 (4.5')	4/10/2023		X		C	1		
CS-19 (4.5')	4/10/2023		X		C	1		
CS-20 (4.5')	4/10/2023		X		C	1		

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4/12-23/8:02	<i>[Signature]</i>	4/12-23/8:02

Chain of Custody

Work Order No: H231714

Page 3 of 6

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

Program: USTR/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> JRC	<input type="checkbox"/> Jperfund
State of Project:				
Reporting: Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> STR/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/> Other:		

Project Name:	Project Number:	Project Location:	Sampler's Name:	PC #:	Turn Around		Wet Ice:	Parameters	ANALYSIS REQUEST												Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			Due Date:	24 Hrs												
Green Drake 402	1170	Lea County, NM	KGB		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: S:APC	
<b>SAMPLE RECEIPT</b>					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113														
Received In tact:					Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6%														
Sample Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-0.4%															
Total Containers:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-1.0%															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-21 (2)	4/11/2023		X		C	1	X	X	X													
CS-22 (2)	4/11/2023		X		C	1	X	X	X													
CS-23 (2)	4/11/2023		X		C	1	X	X	X													
CS-24 (2)	4/11/2023		X		C	1	X	X	X													
CS-25 (2)	4/11/2023		X		C	1	X	X	X													
CS-26 (2)	4/11/2023		X		C	1	X	X	X													
CS-27 (2)	4/11/2023		X		C	1	X	X	X													
CS-28 (2)	4/11/2023		X		C	1	X	X	X													
CS-29 (2)	4/11/2023		X		C	1	X	X	X													
CS-30 (2)	4/11/2023		X		C	1	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/12-23 / 8:02	Conner Moehring	4/12-23 8:02

Chain of Custody

Work Order No: H231714

Page 4 of 6

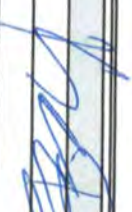

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Iperfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/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:	Green Drake 402	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	1170	Due Date:	24 Hrs														None: NO			
Project Location:	Lea County, NM																Cool: Cool			
Sampler's Name:	KGB																HCL: HC			
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>			
<b>SAMPLE RECEIPT</b>				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input 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	BTX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	ANALYSIS REQUEST												Sample Comments
CS-31 (2)	4/11/2023		X		C	1	X	X	X													
CS-32 (2)	4/11/2023		X		C	1	X	X	X													
CS-33 (2)	4/11/2023		X		C	1	X	X	X													
CS-34 (2)	4/11/2023		X		C	1	X	X	X													
CS-35 (4.5)	4/11/2023		X		C	1	X	X	X													
CS-36 (4.5)	4/11/2023		X		C	1	X	X	X													
CS-37 (4.5)	4/11/2023		X		C	1	X	X	X													
CS-38 (4.5)	4/11/2023		X		C	1	X	X	X													
CS-39 (4.5)	4/11/2023		X		C	1	X	X	X													
CS-40 (4.5)	4/11/2023		X		C	1	X	X	X													

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/12-23/8:00		4/12-23/8:00

Chain of Custody

Work Order No: 4231714

Page 5 of 6

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

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Inland
State of Project:	Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Project Name:	Project Number:	Project Location:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
			<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush						
Green Drake 402	1170	Lea County, NM							None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Sampler's Name:	KGB	Due Date:	24 Hrs							
PO #:										
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No	Wet Ice:	Yes <input checked="" type="checkbox"/> No					
Received Intact:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	113							
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Correction Factor:	-0.04%							
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:	-0.4%							
Total Containers:	Yes <input checked="" type="checkbox"/> No	Corrected Temperature:	-1.0%							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-1 (4.5)	4/10/2023		X		C	1	X	X	X	
SW-2 (4.5)	4/10/2023		X		C	1	X	X	X	
SW-3 (4.5)	4/10/2023		X		C	1	X	X	X	
SW-4 (4.5)	4/10/2023		X		C	1	X	X	X	
SW-5 (2)	4/11/2023		X		C	1	X	X	X	
SW-6 (4.5)	4/11/2023		X		C	1	X	X	X	
SW-7 (4.5)	4/11/2023		X		C	1	X	X	X	
SW-8 (4.5)	4/11/2023		X		C	1	X	X	X	
SW-9 (2)	4/11/2023		X		C	1	X	X	X	
SW-10 (4.5)	4/10/2023		X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4-12-23/5:00	<i>[Signature]</i>	4-12-23/8:00

Chain of Custody

Work Order No: H231714

Page 6 of 6

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

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/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:	Green Drake 402	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 Hrs
Project Number:	1170				
Project Location:	Lea County, NM				
Sampler's Name:	KG B				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pres. Code	ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500			
SW-11 (2.5')	4/10/2023		X		C	1	X	X	X			
SW-12 (2.5')	4/10/2023		X		C	1	X	X	X			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4.17.23 8:00	<i>Blundi Bantista</i>	4.12.23 18:00

51

52





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

---

April 14, 2023

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

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 04/13/23 14:15.

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](http://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, flowing 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:	04/13/2023	Sampling Date:	04/13/2023
Reported:	04/14/2023	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: CS - 4 (5') (H231778-01)**

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	04/13/2023	ND	1.88	94.2	2.00	11.6		
Toluene*	<0.050	0.050	04/13/2023	ND	2.02	101	2.00	11.7		
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.13	106	2.00	11.6		
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.53	109	6.00	10.1		
Total BTEX	<0.300	0.300	04/13/2023	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	<b>448</b>	16.0	04/14/2023	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	04/14/2023	ND	173	86.7	200	1.50		
<b>DRO &gt;C10-C28*</b>	<b>10.5</b>	10.0	04/14/2023	ND	181	90.6	200	2.28		
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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

**Notes and Definitions**

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

Cardinal Laboratories

\*=Accredited Analyte

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



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

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

CONDITIONS

Action 224876

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 224876
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	None	9/1/2023