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

Responsible Party

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID

Contact Nam	ie				Contact Te	elephone		
Contact emai	il				Incident #	(assigned by OCD)		
Contact mail	ing address				I			
			Location	of R	Release So	ource		
Latitude			(NAD 83 in de	ecimal de	Longitude _ grees to 5 decim	nal places)		
Site Name					Site Type			
Date Release	Discovered				API# (if app	licable)		
Unit Letter	Section	Township	Range		Coun	ty		
Crude Oil	Material	Federal Tr	Nature and	d Vo	lume of I			ow)
Produced	Water	Volume Release	d (bbls)			Volume Recov	vered (bbls)	
		produced water		chloride	e in the	Yes No		
Condensa		Volume Release				Volume Recov		
Natural G		Volume Release				Volume Recov	` ′	
Other (de	scribe)	Volume/Weight	Released (provid	le units)	Volume/Weig	ht Recovered (pro	vide units)
Cause of Rele	ease							

Received by OCD: 3/26/2024 8:58:55 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

P	a	g	e	2	0	f.	1	1	8

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible	le party consider this a major release?
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To whom	? When and by what means (phone, email, etc)?
	Initial Resp	oonse
The responsible	party must undertake the following actions immediately unl	ess they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	as been secured to protect human health and the	environment.
Released materials ha	ave been contained via the use of berms or dike	s, absorbent pads, or other containment devices.
☐ All free liquids and re	ecoverable materials have been removed and ma	anaged appropriately.
has begun, please attach	a narrative of actions to date. If remedial effo	diation immediately after discovery of a release. If remediation rts have been successfully completed or if the release occurred se attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notificat ment. The acceptance of a C-141 report by the OCD gate and remediate contamination that pose a threat to	of my knowledge and understand that pursuant to OCD rules and ions and perform corrective actions for releases which may endanger does not relieve the operator of liability should their operations have groundwater, surface water, human health or the environment. In onsibility for compliance with any other federal, state, or local laws
Printed Name		Title:
Signature:	tangsparge	Date:
email:	T	elephone:
OCD Only		
Received by:	Da	ate:

P : 11 OCD 2/26/202		- 43.6	35		Spill Calcu	lation - On-Pad	d Surface Pool Spill			D 2 6110
Convert Irregular shape into a series of rectangles	1 1	i 1	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Page 3 of 118 Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	60	10	0.1	600.00	0.89	0.00	0.89		0.71	0.18
Rectangle B	20	30	0.1	600.00	0.89	0.00	0.89		0.71	0.18
Rectangle C	2	10	0.1	20.00	0.03	0.00	0.03		0.02	0.01
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00	80%	0.00	0.00
Rectangle F		4		0.00	0.00	0.00	0.00	00%	0.00	0.00
Rectangle G		1		0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I		4		0.00	0.00	0.00	0.00		0.00	0.00
Released to Imaging: 5/3/202)24 1:21:	51 PM		0.00	0.00	0.00	0.00		0.00	0.00

1.8104

1.4483

0.3621

Total Surface Pool Volume Released, Release to Soil/Caliche:

P : 11 OCD 2/26/202	10.50.5	- 434-			Spill Calcu	lation - On-Pad	d Surface Pool Spill			B
Received by OCD: 3/26/2024 Convert Irregular shape into a series of rectangles	1 1	1 1	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Page 4 of 118 Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	20	12	2.5	240.00	8.90	0.01	8.99		7.19	1.80
Rectangle B	24	56	0.2	1344.00	3.99	0.00	3.99		3.19	0.80
Rectangle C	10	3	0.1	30.00	0.03	0.00	0.03		0.02	0.01
Rectangle D	8	28	0.1	224.00	0.43	0.00	0.43		0.35	0.09
Rectangle E	3	58	0.1	174.00	0.26	0.00	0.26	80%	0.21	0.05
Rectangle F	1	30	0.1	30.00	0.04	0.00	0.04	00 /0	0.04	0.01
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I	G.			0.00	0.00	0.00	0.00		0.00	0.00
Released to Imaging: 5/3/20	124 1-21-	51 PM		0.00	0.00	0.00	0.00		0.00	0.00

13.7448

10.9959

2.7490

Total Surface Pool Volume Released, Release to Soil/Caliche:



SITE INFORMATION

Closure Report
Stratocaster 20 Federal Com 001H (01.15.2024)
Lea County, New Mexico
Incident ID: NAPP2402936868
Unit P Sec 20 T23S R34E
32.2849°, -103.4845°

Crude Oil and Produced Water Release

Point of Release: Frozen ball valve separating going in the heater treater.

Release Date: 01.15.24

Volume Released: 12.4442 Barrels of Crude Oil and 3.1111 Barrels of Produced Water

Volume Recovered: 5 Barrels of Crude Oil and 1 Barrel of Produced Water

CARMONA RESOURCES



Prepared for: Concho Operating, LLC 15 West London Road, Loving, New Mexico 88256

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



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APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

APPENDIX F RECLAMATION CRITERIA

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



March 18, 2024

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

Re: Closure Report

Stratocaster 20 Federal Com 001H (01.15.2024)

Concho Operating, LLC Incident ID: NAPP2402936868

Site Location: Unit P, S20, T23S, R34E (Lat 32.2849°, Long -103.4845°)

Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for the Stratocaster 20 Federal Com 001H (01.15.2024). The site is located at 32.2849°, - 103.4845° within Unit P, S20, T23S, and R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 15, 2024, due to a frozen ball valve separating going into the heater treater. This released twelve point four four two (12.4442) barrels of crude oil and three point one one one (3.1111) barrels of produced water, with five (5) barrels of crude oil and one (1) barrel of produced water recovered. Refer to Figure 3. The release leaked onto the pad and into the pasture. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 0.24 miles East of the site in S20, T23S, R34E and was drilled in 2022. The well was drilled to a depth of 120' below ground surface (ft bgs) and no water was detected after 72 hours of drilling operations. A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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



4.0 Site Assessment Activities

Initial Assessment Activities

On January 24, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) vertical sample points (S-1 through S-6) and six (6) horizontal sample points (H-1 through H-6) were advanced to depths ranging from the surface to 1.0' 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 D. See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD web portal on February 19, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-1 through S-4 were excavated to a depth of 1.0' bgs. A total of twenty-four (24) confirmation floor samples (CS-1 through CS-24) and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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. All collected samples were analyzed for TPH 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. Refer to Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 4,650 square feet of contamination was remediated, resulting in 180 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on February 24, 2024. The appropriate pounds of pure live seed per acre were used. The seeds were applied via tractor and seed drill. The seed mixture used was BLM Seed Mix #2 (See attachments in Appendix F and Figure 5).

7.0 Conclusions

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

Sincerely,

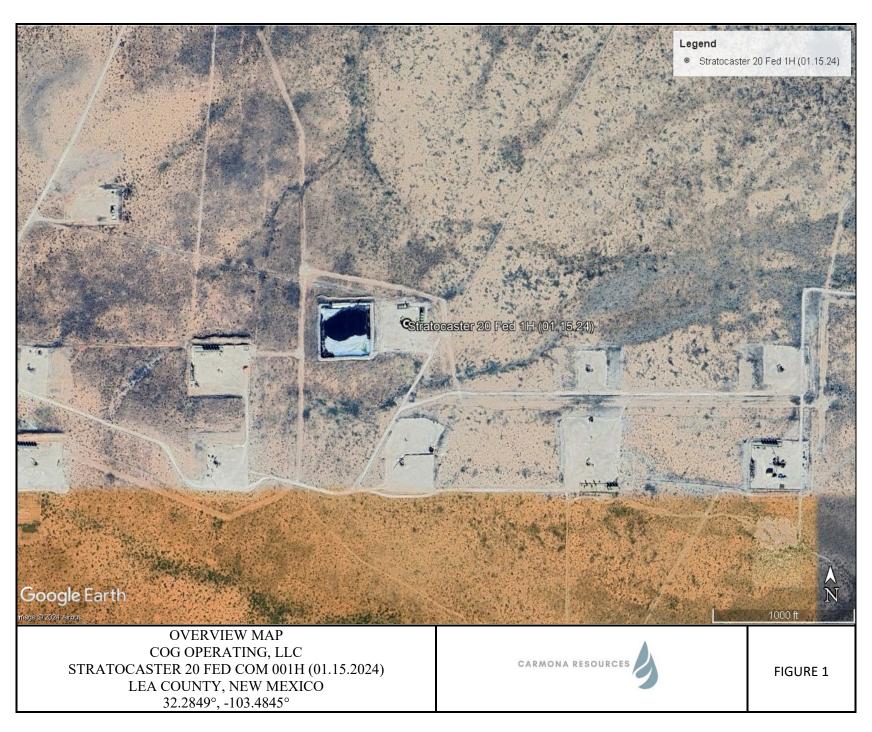
Carmona Resources, LLC

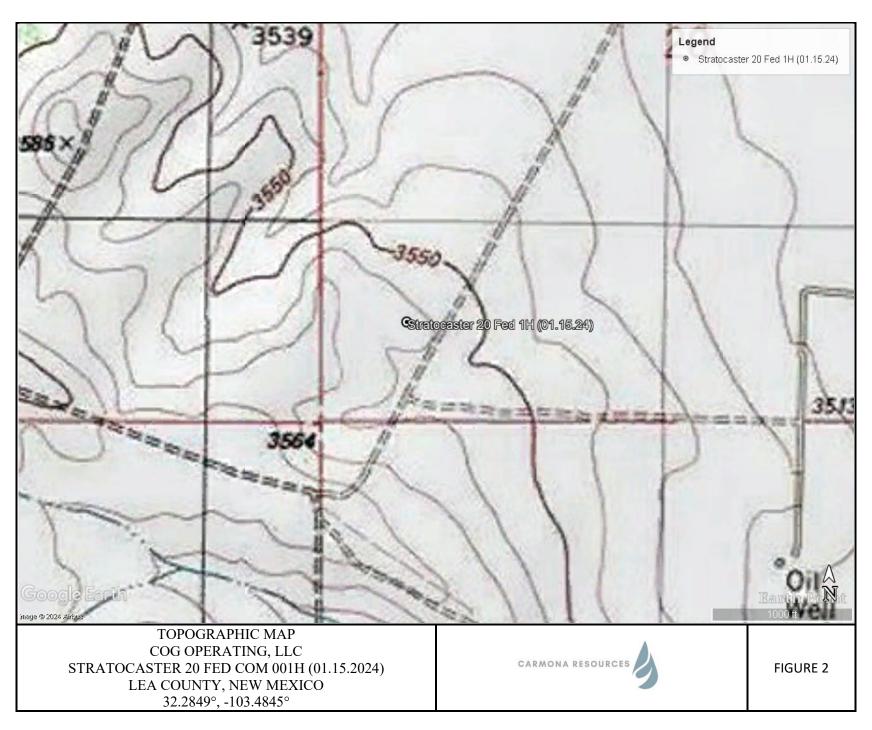
Ashton Thielke Sr. Project Manager Conner Moehring Sr. Project Manager

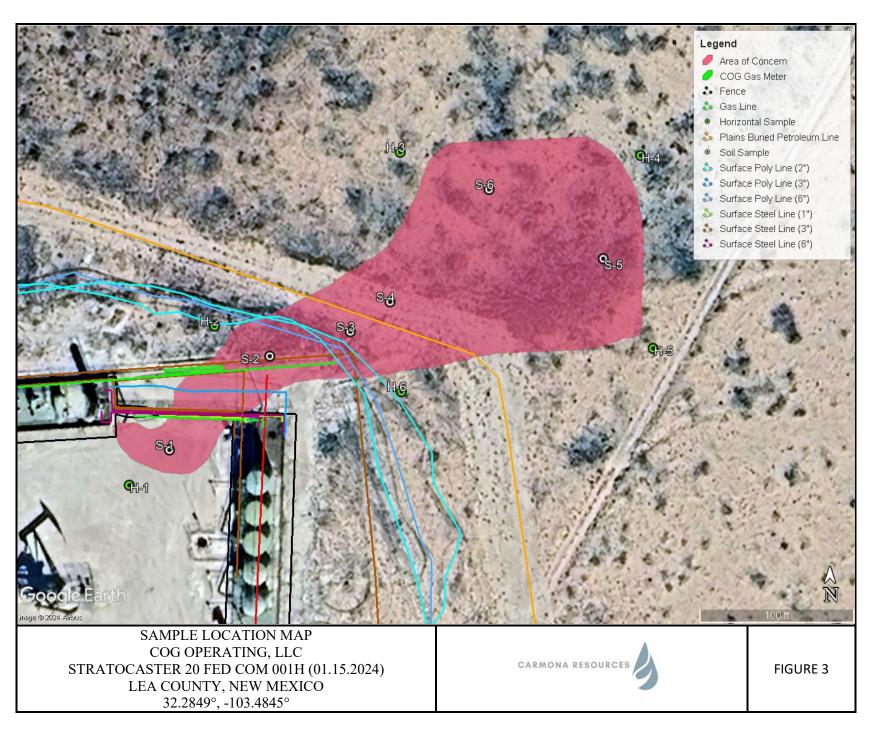
310 West Wall Street, Suite 500 Midland, Texas 79701 432.813.1992

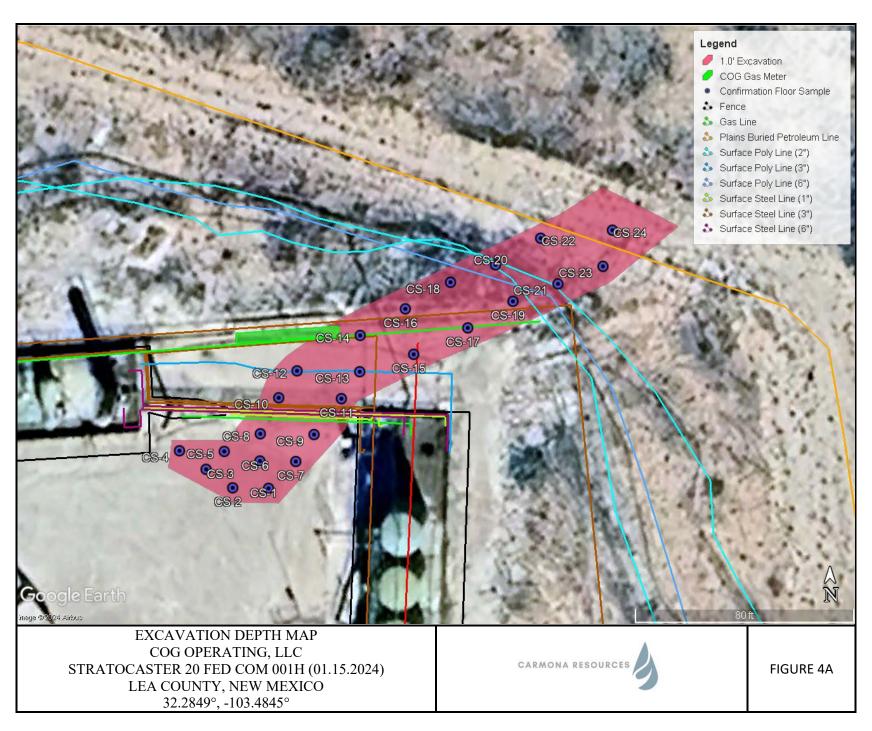
FIGURES

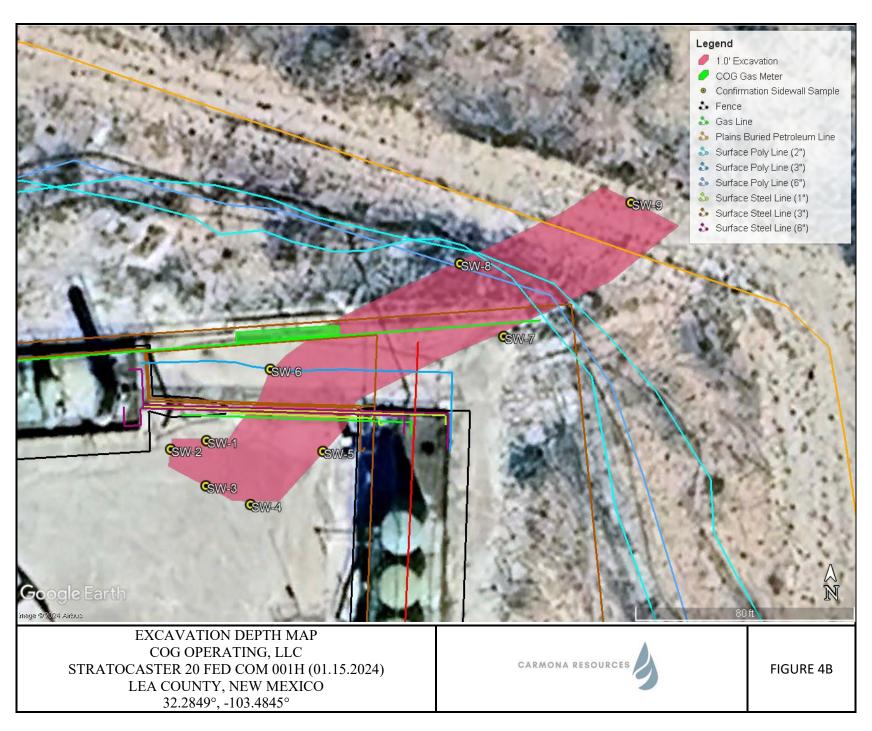
CARMONA RESOURCES













APPENDIX A

CARMONA RESOURCES

Table 1
COG Operating, LLC
Stratocaster 20 Fed 1H (01.15.24)
Lea County, New Mexico

Commis ID	Data	Dougle (64)		TPI	H (mg/kg)		Benzene	Toluene	Ethlybenzene	Video (months)	Total BTEX	Chlarida (man/lan)
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Xylene (mg/kg)	(mg/kg)	Chloride (mg/kg)
S-1	1/24/2024	0-0.5	5,820	9,960	1,350	897	34.9	198	65.2	188	487	448
S-2	1/24/2024	0-0.5	30.2	347	187	564	<0.050	0.145	0.197	0.901	1.24	416
3-2	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
S-3	1/24/2024	0-0.5	307	1,880	220	2,407	0.055	1.66	2.25	10.6	14.5	1,070
S-4	1/24/2024	0-0.5	12,800	19,000	2,930	34,730	65.7	238	74.7	228	606	1,010
S-5	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-6	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	0.054	<0.050	<0.150	<0.300	48.0
Regulate	ory Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (S) Sample Points

Removed

Table 1 **COG Operating, LLC** Stratocaster 20 Fed 1H (01.15.24) Lea County, New Mexico

Sample ID	Date Depth (ft) TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)			
Sample ID	Date	Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Aylelle (llig/kg)	(mg/kg)	Official (mg/kg)
H-1	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
H-2	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-3	1/24/2024	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	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	1/24/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulato	ory Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(H) Horizontals

Table 2
COG Operating, LLC
Stratocaster 20 Fed 1H (01.15.24)
Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
		Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Aylette (ttig/kg)	(mg/kg)	Chloride (hig/kg)
CS-1	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-4	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-5	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-6	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-7	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-8	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-11	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-14	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-15	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-16	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-17	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-18	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-19	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-20	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-22	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-23	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-24	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) Confirmation Sample

Table 2
COG Operating, LLC
Stratocaster 20 Fed 1H (01.15.24)
Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
Sample ID	Date	Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Aylene (mg/kg)	(mg/kg)	Chioride (mg/kg)
SW-1	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-5	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-6	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-7	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-8	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	2/21/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulator	y Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

COG Operating

Photograph No. 1

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View Southeast, area of CS-1 through CS-7.



Photograph No. 2

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-1 through CS-7.



Photograph No. 3

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View South, area of CS-8 through CS-12.





COG Operating

Photograph No. 4

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View South, area of CS-12 through CS-19.



Photograph No. 5

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View Northeast, area of CS-17 through CS-24.



Photograph No. 6

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View North, area of CS-20 through CS-24.





COG Operating

Photograph No. 7

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View Northeast, area of CS-20 through CS-24.



Photograph No. 8

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-16 through CS-24.



Photograph No. 9

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

BLM #2 Seed Mix used to reseed the pasture area.





COG Operating

Photograph No. 10

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

Site before being reseeded with tractor and seed drill.



Photograph No. 11

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

Site backfilled with tractor used to reseed the site.



Photograph No. 12

Facility: Stratocaster 20 Fed 1H (01.15.24)

County: Lea County, New Mexico

Description:

Site backfilled with seed drill used to reseed the site.



APPENDIX C

CARMONA RESOURCES

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

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

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

QUESTIONS

Action 308899

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	308899
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Stratocaster 20 Federal Com 001H
Date Release Discovered	01/15/2024
Surface Owner	Federal

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Freeze Valve Crude Oil Released: 12 BBL Recovered: 5 BBL Lost: 7 BBL.	
Produced Water Released (bbls) Details	Cause: Freeze Valve Produced Water Released: 3 BBL Recovered: 1 BBL Lost: 2 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Action 308899

QUESTIONS ((continued)

Operator: OGRID	ID:
COG OPERATING LLC	229137
600 W Illinois Ave Action	n Number:
Midland, TX 79701	308899
Action	n Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	Not answered.	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.	
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.	
If all the actions described above have not been undertaken, explain why	Not answered.	

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

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

ACKNOWLEDGMENTS

Action 308899

ACKNOWLEDGMENTS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	308899
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

✓	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.	
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.	
I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a rel notification and corrective action", pursuant to NMAC 19.15.29.		
V	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.	
V	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.	
V	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	

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CONDITIONS

Action 308899

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	308899
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/29/2024

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

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

QUESTIONS

Action 315461

QUESTIONS

ı	Operator:	OGRID:
ı	COG OPERATING LLC	229137
ı	600 W Illinois Ave	Action Number:
ı	Midland, TX 79701	315461
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites										
Incident ID (n#)	nAPP2402936868									
Incident Name	NAPP2402936868 STRATOCASTER 20 FEDERAL COM 001H @ 0									
Incident Type	Release Other									
Incident Status	Notification Accepted									
Incident Facility	[fAPP2204036675] Stratocaster 20 Fed 1 & 2 RB									

Location of Release Source								
Site Name	Stratocaster 20 Federal Com 001H							
Date Release Discovered	01/15/2024							
Surface Owner	Federal							

Sampling Event General Information								
Please answer all the questions in this group.								
What is the sampling surface area in square feet	7,400							
What is the estimated number of samples that will be gathered	45							
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/21/2024							
Time sampling will commence	10:00 AM							
Please provide any information necessary for observers to contact samplers	Conner Moehring (432) 813-6823							
Please provide any information necessary for navigation to sampling site	From the intersection of NM128 and Delaware Basin road trvl N on Delaware Basin rd for 5.10 mi. Trn R onto unnamed lease rd andtrvl E for 0.94 mi. Trn L onto the pad. Arrive on location							

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

CONDITIONS

Action 315461

CONDITIONS

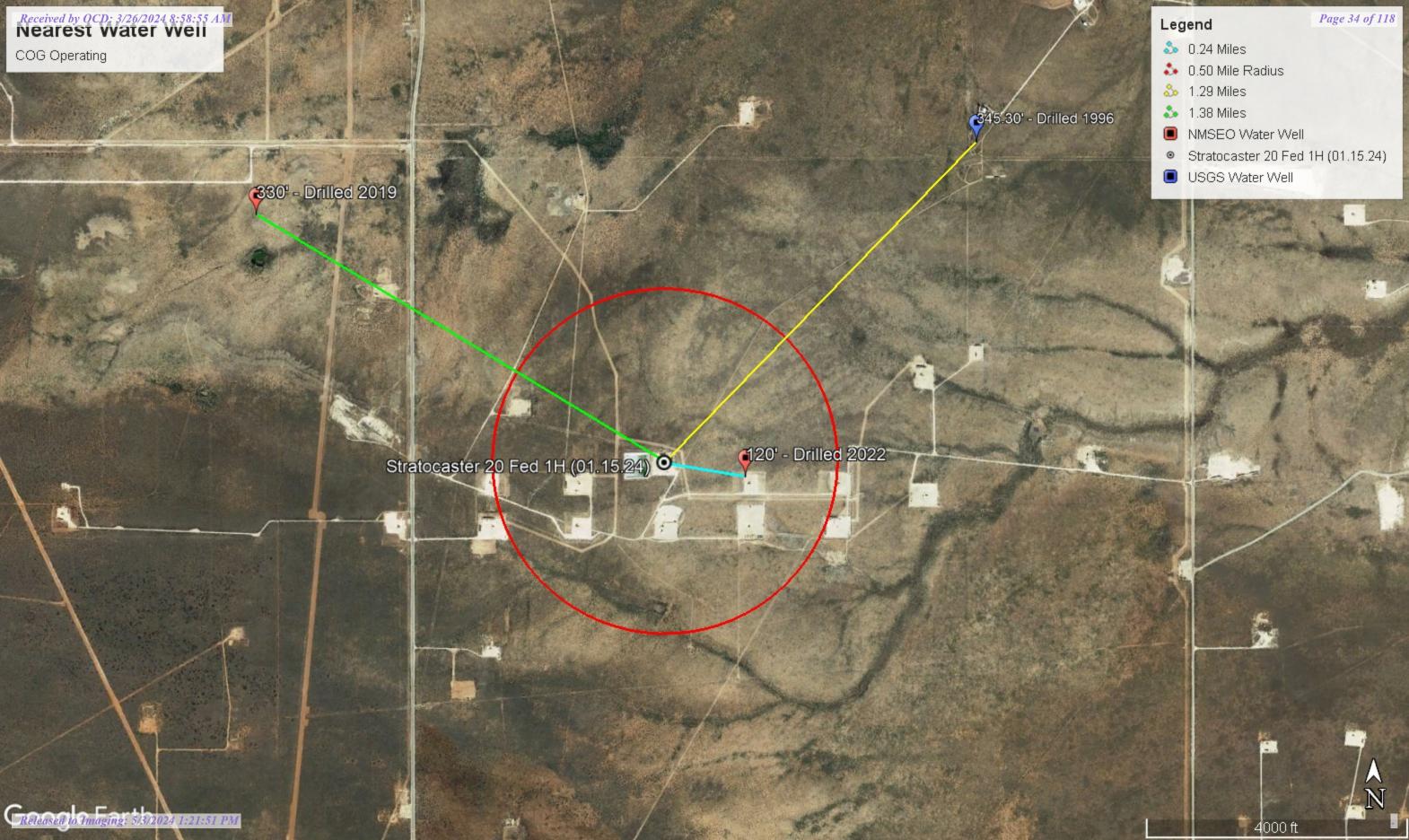
Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	315461
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By		Condition Date
jlairo	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/19/2024

APPENDIX D

CARMONA RESOURCES







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) (NAD

(NAD83 UTM in meters)

(In feet)

<u> </u>	,	`						J , (,	`	,	
	POD Sub-		Q	Q (Q						Depth	Depth	Water
POD Number	Code basin	County	64	16	4 Se	c Tws	Rng	Х	Υ	Distance	Well	Water (Column
C 04667 POD1	CUB	LE				0 23S		641770	3572915 🌕	381			
C 04353 POD1	CUB	ED	4	2	2 2	4 23S	33E	639474	3574098 🌑	2221	603	330	273
C 03620 POD1	CUB	LE	1	4	3 3	2 23S	34E	641790	3569941 🌕	3065	480	130	350
CP 00556 POD1	СР	LE	4	4	3 0	8 23S	34E	641762	3576206 🌑	3245	497	255	242
C 02282	CUB	LE	3	1	1 2	5 23S	33E	638098	3572436* 🌕	3341	325	225	100
C 04282 POD1	С	LE	1	2	1 0	5 24S	34E	641662	3569541 🌕	3450	574	390	184
C 02283	CUB	LE	4	2	2 2	6 23S	33E	637896	3572431* 🌕	3542	325	225	100
CP 01258 POD3	СР	LE	1	4	3 2	2 23S	34E	644938	3573097 🌑	3544	25		
CP 01258 POD2	CP	LE	1	4	3 2	2 23S	34E	644941	3572883 🌑	3547	65		
CP 01730 POD1	СР	LE	2	2	1 1	6 23S	34E	643549	3575824 🌑	3566	594	200	394
CP 01258 POD1	СР	LE	1	4	3 2	2 23S	34E	645015	3573221 🌑	3627	25		
CP 01886 POD1	СР	LE	4	1	4 0	7 23S	34E	640646	3576545 🌕	3641			
CP 01760 POD1	СР	LE	3	1	2 1	6 23S	34E	643627	3575897 🌕	3672	767	290	477
<u>C 02284</u>	CUB	LE	4	2	4 2	6 23S	33E	637907	3571626*	3742	325	225	100

Average Depth to Water: 252 feet

Minimum Depth: 130 feet

Maximum Depth: 390 feet

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 641395 **Northing (Y):** 3572982 **Radius:** 4000

*UTM location was derived from PLSS - see Help

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



NC	OSE POD NO.)		WELL TAG ID NO.			OSE FILE NO C-04665	(S).				
INFORMATION 1. GENERAL AND WELL LOCATION 1. GENERAL AND WELL LOCATION 1. C- N C C N C N C C N C C N C C N C C N C C N C C N C	WELL OWNER							PHONE (OPT 575-988-20					
VELL L	WELL OWNER 2208 W MA		ADDRESS					CITY ARTESIA		STATE NM	88210	ZIP	
AL AND V	WELL LOCATION	LAT	DE	GREES 32	MINUTES 17	SECON 2.5	5 N		Y REQUIRED: ONE TEN	TH OF A S	SECOND		
VER.	(FROM GPS	LO	NGITUDE	-103	29	40.1	.6 W	* DATUM RE	EQUIRED: WGS 84		1		
1. GEN	DESCRIPTION KING TUT		IG WELL LOCATION TO AL 001H	STREET ADDI	RESS AND COMMO!	N LANDMA	ARKS – PLS	S (SECTION, TO	OWNSHJIP, RANGE) WF	IERE AVA	ILABLE		
	LICENSE NO. WD-1	184	NAME OF LICENSED		ELL SOUTHER	LAND			NAME OF WELL DR WEST TEXAS		RVICE		
	DRILLING ST 9/15/20		DRILLING ENDED 09/15/2022	DEPTH OF CO	OMPLETED WELL (F	T)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR	ST ENCO	UNTERED (FT)		
	COMPLETED	WELL IS:	ARTESIAN	DRY HO	LE SHALLO	OW (UNCO	NFINED)		STATIC WATER LE	TIC WATER LEVEL IN COMPLETED WE N/A			
LION	DRILLING FL	UID:	✓ AIR	MUD	ADDITIV	VES – SPEC	CIFY:						
RMA.	DRILLING MI	ETHOD:	✓ ROTARY	HAMME	R CABLE	TOOL	ОТНЕ	R – SPECIFY:					
3 INFO	DEPTH (feet bgl) BORE HOLE FROM TO DIAM			CASING	MATERIAL AN	D/OR		ASING NECTION	CASING INSIDE DIAM.		NG WALL	SLOT SIZE	
CASING	TROW	10	(inches)		each casing string sections of screen		7	TYPE ling diameter)	(inches)	(inches)	(inches)	
3				NO C	CASING IN HOL	Е							
RILL													
2. DI													
												1	
	DEPTH ((feet bgl)	BORE HOLE	L	IST ANNULAR S	EAL MA	TERIAL .	AND	AMOUNT		METHO	DD OF	
IAL	FROM	ТО	DIAM. (inches)	GRA	AVEL PACK SIZI	E-RANGE	BY INTI	ERVAL	(cubic feet)		PLACE	MENT	
TER						N/A				-			
MA				-		IN/A				+			
LAF									OSE DIT (OCT 3	2022 pm4);	37	
INNI													
3.													
									AN INFILE PEGGE	0.1.00	(VI:- 04#	20/10)	
	E NO. (-	NAL USE	-		POD N	o. 1			20 WELL RECORD NO. 73373		version 04/.	50/19)	
			34E, 20, 3	.4.3				WELL TAG	A		PAGE	E 1 OF 2	

	DEPTH (f	eet bgl)		COLOR A	ND TYPE OF MATEI	RIAL EN	COUNT	TERED -		WA	ΓER	ESTIMATED YIELD FOR
	FROM	ТО	THICKNESS (feet)	INCLUDE WAT	ER-BEARING CAVI	TIES OF	R FRACT	TURE ZONES		BEAR (YES	ING?	WATER- BEARING ZONES (gpm)
	0	17			CALICHI	Е				Y	✓ N	
	17	60			SAND					Y	✓ N	
	60	120			RED SANDY	CLAY				Y	✓ N	
										Y	N	
										Y	N	
1										Y	N	
4. HYDROGEOLOGIC LOG OF WELL			5							Y	N	
OF										Y	N	
90										Y	N	
121										Y	N	
007										Y	N	
3EO										Y	N	
ROC										Y	N	
HAD										Y	N	
4										Y	N	
										Y	N	
										Y	N	
										Y	N	
										Y	N	
								1		Y	N	
										Y	N	
0.	METHOD U	SED TO ES	STIMATE YIELI	OF WATER-BEARI	NG STRATA:					AL ESTI		
	PUM	Р ПА	AIR LIFT	BAILER	OTHER – SPECIFY:	RY HO	DLE		WEL	L YIELI	O (gpm):	0.00
ISION	WELL TES	T TEST STAR	RESULTS - ATT	TACH A COPY OF DA ME, AND A TABLE	ATA COLLECTED D SHOWING DISCHAR	URING '	WELL T D DRAV	ESTING, INC WDOWN OVE	LUDII R THI	NG DISC E TESTI	CHARGE I	METHOD, D.
VISI	MISCELLA	NEOUS IN	FORMATION:									
TEST; RIG SUPERV								i"	ISF C	on oct	3 2022	рм4:37
G St									V-22-0-0			
r; RI												
TES	PRINT NAM	ME(S) OF D	RILL RIG SUPE	RVISOR(S) THAT PR	OVIDED ONSITE SU	JPERVI	SION OF	F WELL CON	STRU	CTION (THER TH	IAN LICENSEE:
s,	RUSSELL	SOUTHER	RLAND									
	BY SIGNIN	IG BELOW	, I CERTIFY TI	HAT TO THE BEST D WELL. I ALSO CER	OF MY KNOWLED	GE ANI	D BELIE	EF, THE FOR	EGOI	NG IS A	TRUE A	ND CORRECT
6. SIGNATURE	WELL REC	ORD WILL	ALSO BE FILEI	WITH THE PERMIT	HOLDER WITHIN 3	0 DAYS	AFTER	THE COMPL	ETIO	N OF WI	ELL DRIL	LING.
NAT	1	1	11				2			00/4	5/0000	
SIG	Kare	A True	of tV	RUSSI	ELL SOUTHERLAI	ND				09/1	5/2022	
6.	Hessee	SIGNAT	TURE OF DRILL	ER / PRINT SIGNE	E NAME			-			DATE	
							0176 2024 20	WD 20 ***		CORP 1	100.07	i 04/20/2010`
	E NO. C.1		,		POD NO.			TRN NO.	フマ	37.3	1-1-1	rsion 04/30/2019)
	CATION 7	7667	4E. 20,3	. u	102.10.		WELL	TAG ID NO.	11	1		PAGE 2 OF 2
LO		25. 2	L. Wi	3711			TTELL	1710 10 110.	10	-		



Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321734103290001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321734103290001 23S.34E.16.333312

Lea County, New Mexico

Latitude 32°17'53", Longitude 103°28'59" NAD27

Land-surface elevation 3,478.00 feet above NGVD29

The depth of the well is 400 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1971-01-13		D	62610		3133.95	NGVD29	1	Z	:	
1971-01-13		D	62611		3135.58	NAVD88	1	Z		
1971-01-13		D	72019	344.05			1	Z		
1976-12-16		D	62610		3130.62	NGVD29	1	Z		
1976-12-16		D	62611		3132.25	NAVD88	1	Z		
1976-12-16		D	72019	347.38			1	Z		
1981-03-30		D	62610		3132.60	NGVD29	1	Z		
1981-03-30		D	62611		3134.23	NAVD88	1	Z		
1981-03-30		D	72019	345.40			1	Z		
1986-03-21		D	62610		3130.20	NGVD29	1	Z		
1986-03-21		D	62611		3131.83	NAVD88	1	Z		
1986-03-21		D	72019	347.80			1	Z		
1996-03-08		D	62610		3132.70	NGVD29	1	5	3	
1996-03-08		D	62611		3134.33	NAVD88	1	9	;	

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	?
1996-03-08	D	72019	345.30		1	S	

Explanation

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

Questions or Comments Automated retrievals <u>Help</u> **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: 2024-01-17 13:19:19 EST
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)

Well Tag POD Number Q64 Q16 Q4 Sec To

X Y

NA C 04353 POD1

Q64 Q16 Q4 Sec Tws Rng4 2 2 24 23S 33E

639474 3574098

98 🌍

Driller Name: JUSTIN MULLINS

Drill Start Date: 11/04/2019

Drill Finish Date:

11/13/2019 Plug Date:

Log File Date: 01/29/2020 **PCW Rcv Date:**

Source: Shallow

Pump Type:

Casing Size:

Pipe Discharge Size:

Estimated Yield: 30 GPM

6.00

603 feet

Depth Water: 330 feet

Water Bearing Stratifications: Top Bottom Description

Depth Well:

330

344 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom

601

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.

Top 301

1/17/24 10:33 AM

POINT OF DIVERSION SUMMARY

Received by OCD: 3/26/2024 8:58:55,AM National Flood Hazard Layer FIRMette



Legend SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X

OTHER AREAS OF FLOOD HAZARD

OTHER AREAS

Area with Flood Risk due to Levee Zone D

Levee. See Notes. Zone X

NO SCREEN Area of Minimal Flood Hazard Zone X

Area with Reduced Flood Risk due to

Area of Undetermined Flood Hazard Zone D

Effective LOMRs

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary** --- Coastal Transect Baseline

OTHER **FEATURES**

Hydrographic Feature

Digital Data Available

Profile Baseline

No Digital Data Available

Unmapped

MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

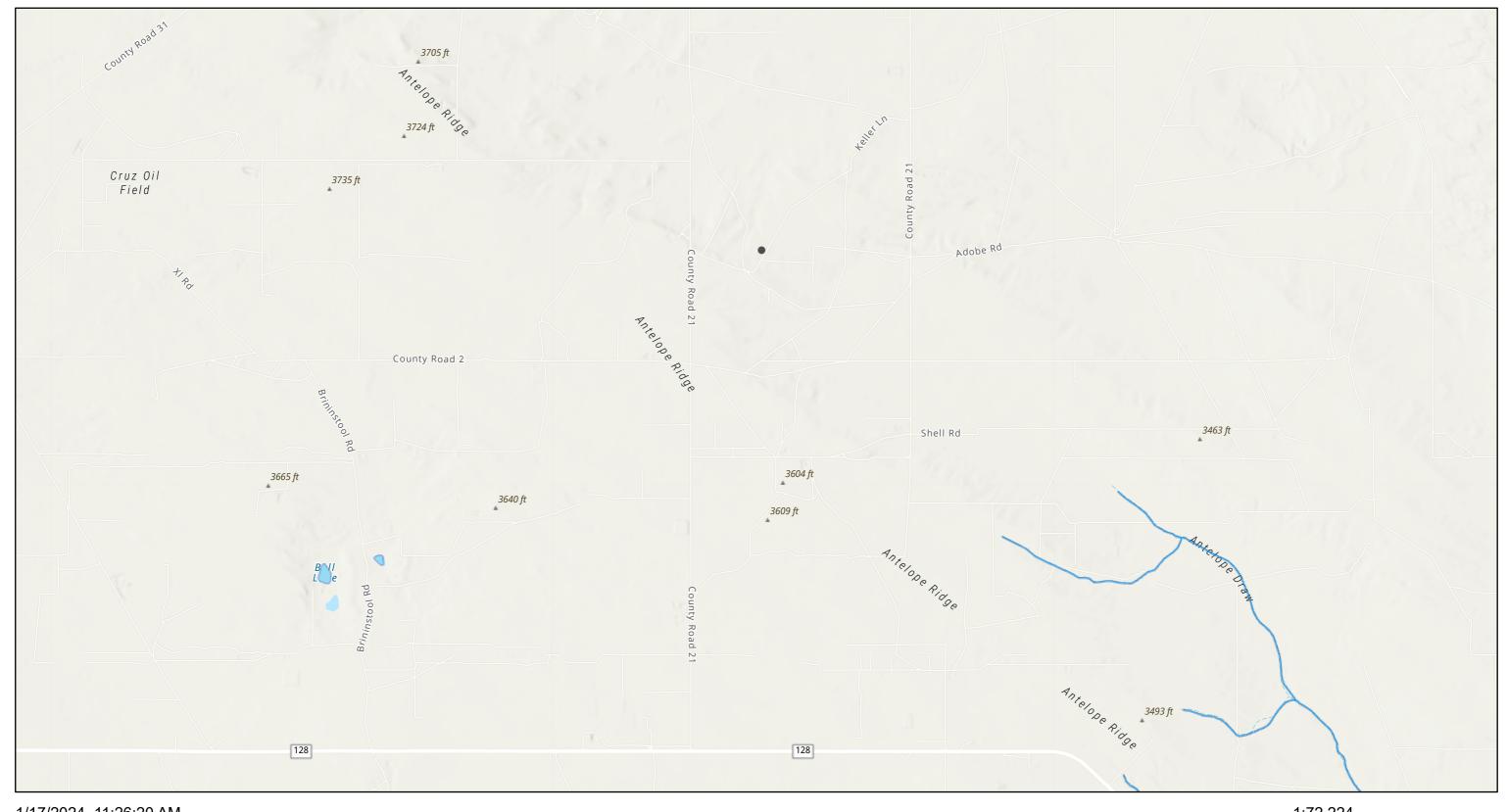
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/17/2024 at 12:27 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



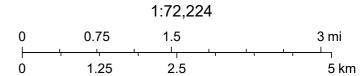
Stratocaster 20 Fed 1H (01.15.24)



1/17/2024, 11:26:20 AM

OSW Water Bodys

OSE Streams



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

APPENDIX E

CARMONA RESOURCES



February 01, 2024

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

RE: STRATOCASTER 20 FED 1H (01.15.24)

Enclosed are the results of analyses for samples received by the laboratory on 01/29/24 16:30.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/29/2024 Reported: 02/01/2024

02/01/2024 STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 01/24/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 1 (0-0.5') (H240400-01)

BTEX 8021B	9	/kg	Allalyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	34.9	1.00	01/31/2024	ND	1.79	89.5	2.00	8.18	
Toluene*	198	1.00	01/31/2024	ND	1.90	94.8	2.00	6.95	
Ethylbenzene*	65.2	1.00	01/31/2024	ND	1.89	94.5	2.00	7.22	
Total Xylenes*	188	3.00	01/31/2024	ND	5.73	95.5	6.00	6.89	
Total BTEX	487	6.00	01/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5820	10.0	01/30/2024	ND	206	103	200	2.37	
DRO >C10-C28*	9960	10.0	01/30/2024	ND	228	114	200	1.85	
EXT DRO >C28-C36	1350	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	245	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	165	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/29/2024 Reported: 02/01/2024

STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 01/24/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 2 (0-0.5') (H240400-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	1.79	89.5	2.00	8.18	
Toluene*	0.145	0.050	01/30/2024	ND	1.90	94.8	2.00	6.95	
Ethylbenzene*	0.197	0.050	01/30/2024	ND	1.89	94.5	2.00	7.22	
Total Xylenes*	0.901	0.150	01/30/2024	ND	5.73	95.5	6.00	6.89	
Total BTEX	1.24	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.2	10.0	01/30/2024	ND	227	113	200	1.34	
DRO >C10-C28*	347	10.0	01/30/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	187	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	'8						

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celeg & Freene



Analytical Results For:

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

Received: 01/29/2024 Sampling Date: 01/24/2024

Reported: 02/01/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Type: Soil

Project Number: 2245 Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: S - 2 (1') (H240400-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/29/2024 Reported:

02/01/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24)

Sampling Date:

Project Name: Project Number: 2245

Sample Received By: Project Location: LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact

01/24/2024

Dionica Hinojos

Soil

Sample ID: S - 3 (0-0.5') (H240400-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	1.66	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	2.25	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	10.6	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	14.5	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	141	% 71.5-13	14						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	307	10.0	01/30/2024	ND	227	113	200	1.34	
DRO >C10-C28*	1880	10.0	01/30/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	220	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	18						

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Analytical Results For:

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

Received: 01/29/2024 Reported:

Sampling Date: 01/24/2024 02/01/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact Project Number: 2245 Sample Received By: Dionica Hinojos

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: S - 4 (0-0.5') (H240400-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	65.7	5.00	01/31/2024	ND	2.01	100	2.00	11.3	
Toluene*	238	5.00	01/31/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	74.7	5.00	01/31/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	228	15.0	01/31/2024	ND	6.59	110	6.00	13.9	
Total BTEX	606	30.0	01/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/k		'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12800	100	01/31/2024	ND	227	113	200	1.34	
DRO >C10-C28*	19000	100	01/31/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	2930	100	01/31/2024	ND					
Surrogate: 1-Chlorooctane	467 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	332 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/29/2024 Reported:

Sampling Date: 01/24/2024 02/01/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos Project Number: 2245

Analyzed By: JH

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: S - 5 (0-0.5') (H240400-06)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	02/01/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	02/01/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	02/01/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	02/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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Celeg D. Keine



Analytical Results For:

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

Received: 01/29/2024 Reported:

02/01/2024 STRATOCASTER 20 FED 1H (01.15.24)

Project Name: Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 01/24/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: S - 6 (0-0.5') (H240400-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	0.054	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/01/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	02/01/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Project Manager:

Company Name:

City, State ZIP:

Project Name:

Total Containers:

Sample Identification

Phone:

Conner Moehring

Carmona Resources

Midland, TX 79701

432-813-6823

310 W Wall St Ste 500

Stratocaster 20 Fed 1H (01.15.24)

Date

Bill to: (if different)

Company Name:

City, State ZIP:

✓ Rush

Water

Email: mcarmona@carmonaresources.com

Grab/

of

Cont

Address:

Turn Around

Routine

Corrected Temperature:

Time

Carmona Resources

Work Order No:	Ho	240	540	X	10 of 10
	Dana		of	1	age

DI Water: H₂O

Sample Comments

		Pi	age ı_	011	₽.
	Work	Order Comm	ents		
	Program: UST/PST PRP	rownfields	RC	perfund	
	State of Project: Reporting:Level II Level III	□st/ust	RRP	Level IV	
	Deliverables: EDD		Other:		
ANALYSIS REC	QUEST		Preservat	tive Codes	

- · · · · · · · · · · · · · · · · · · ·	2245	Routine	✓ Rush	Code				+		\vdash	-	— None. No	D1 1101011 1120
Project Number:		190700000000000000000000000000000000000						1 1	- 1	1 1	1 1	Cool: Cool	MeOH: Me
Project Location	Lea County, New Mexico	Due Date:	72 HR	-	e							HCL: HC	HNO ₃ : HN
Sampler's Name:	IR				A R			1 1				H ₂ S0 ₄ : H ₂	NaOH: Na
PO #:			100	ters	p			1 1		1 1		H ₃ PO ₄ : HP	
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice:	1.10	- E	218	450		1 1		1 1		NaHSO ₄ : NA	BIS
Received Intact:	Yes No Thermometer	r ID:	190	ara	8 02	iş.	1 1			1 1		Na ₂ S ₂ O ₃ : Na	SO ₃
Cooler Custody Seals:	Yes No N/A Correction F	actor:		- "	STE STE	- 을						Zn Acetate+N	laOH: Zn
Sample Custody Seals:	Yes No N/A Temperature	Reading:	-1.500	_	_ NS	1 0			- 1			NaOH+Asco	bic Acid: SAPC

- 1				Part House Street			_								- 1						
ı	S-1 (0-0.5')	1/24/2024	Х		G	1	Х	Х	Х				_	_	\dashv	_	-	$\overline{}$	 _		_
1	S-2 (0-0.5')	1/24/2024	Х		G	1	X	Х	Х						_		-	-		_	_
4	S-2 (1')	1/24/2024	Х		G	1	Х	Х	Х												
4		1/24/2024	Х		G	1	Х	Х	Х												
1	S-3 (0-0.5')		×	1	G	1	Х	Х	Х												
2	S-4 (0-0.5')	1/24/2024		+	G	1	x	х	Х												
0	S-5 (0-0.5')	1/24/2024		-	G	1	Y	X	Х												
7	S-6 (0-0.5')	1/24/2024	^	+	-	<u>'</u>	<u> </u>	\ \ \	-												
4				-	-	-	-	-			_										
				-	_		-	-	-	-	-										
- 1																			 _		

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

Soil

D. F. Chadhar (Cianahum)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)		1011=	1/29/24/1/3
Jam Wolny,	1/29/24 1630		10101700
()			

Received by OCD: 3/26/2024 8:58:55 AM 1 5 5 4 5 5 0



February 01, 2024

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

RE: STRATOCASTER 20 FED 1H (01.15.24)

Enclosed are the results of analyses for samples received by the laboratory on 01/29/24 16:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/29/2024 Sampling Date: 01/24/2024

Reported: 02/01/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Type: Soil

Project Number: 2245 Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: H - 1 (0-0.5') (H240401-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/01/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	02/01/2024	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/29/2024 Reported:

02/01/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 01/24/2024

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: H - 2 (0-0.5') (H240401-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	02/01/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	02/01/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene



Cool & Intact

Analytical Results For:

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

Received: 01/29/2024 Reported: 02/01/2024

 01/29/2024
 Sampling Date:
 01/24/2024

 02/01/2024
 Sampling Type:
 Soil

Sampling Condition:

Project Name: STRATOCASTER 20 FED 1H (01.15.24)
Project Number: 2245

Project Number: 2245 Sample Received By: Dionica Hinojos
Project Location: LEA COUNTY, NEW MEXICO

Sample ID: H - 3 (0-0.5') (H240401-03)

Analyte Result Reporting Limit Analyzed Method Blank BS 9 Benzene* <0.050 0.050 01/30/2024 ND 2.01 Toluene* <0.050 0.050 01/30/2024 ND 2.06 Ethylbenzene* <0.050 0.050 01/30/2024 ND 2.17 Total Xylenes* <0.150 0.150 01/30/2024 ND 6.59	% Recovery 100 103 109 110	2.00 2.00 2.00 2.00 6.00	RPD 11.3 13.4 13.7 13.9	Qualifier
Toluene* <0.050 0.050 01/30/2024 ND 2.06 Ethylbenzene* <0.050 0.050 01/30/2024 ND 2.17	103 109	2.00 2.00	13.4 13.7	
Ethylbenzene* <0.050 0.050 01/30/2024 ND 2.17	109	2.00	13.7	
•				
Total Xylenes* <0.150 0.150 01/30/2024 ND 6.59	110	6.00	13.9	
Total BTEX <0.300 0.300 01/30/2024 ND				
Surrogate: 4-Bromofluorobenzene (PID 107 % 71.5-134				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
Chloride 16.0 16.0 01/30/2024 ND 416	104	400	3.77	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 01/30/2024 ND 227	113	200	1.34	
DRO >C10-C28* <10.0 10.0 01/30/2024 ND 227	114	200	0.110	
EXT DRO >C28-C36 <10.0 10.0 01/30/2024 ND				
Surrogate: 1-Chlorooctane 99.6 % 48.2-134				
Surrogate: 1-Chlorooctadecane 116 % 49.1-148				

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Celey D. Keine



Analytical Results For:

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

Received: 01/29/2024 Reported: 02/01/2024

 01/29/2024
 Sampling Date:
 01/24/2024

 02/01/2024
 Sampling Type:
 Soil

Sample Received By:

Project Name: STRATOCASTER 20 FED 1H (01.15.24)
Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Type: Soil
Sampling Condition: Cool & Intact

Dionica Hinojos

Sample ID: H - 4 (0-0.5') (H240401-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Kreine



01/24/2024

Soil

Analytical Results For:

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

Received: 01/29/2024 Reported: 02/01/2024

02/01/2024 Sampling Type:

Project Name: STR/ Project Number: 2245

STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact
2245 Sample Received By: Dionica Hinojos

Sampling Date:

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: H - 5 (0-0.5') (H240401-05)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

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

Received: 01/29/2024 Reported:

Sampling Date: 01/24/2024 02/01/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact Project Number: 2245 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: H - 6 (0-0.5') (H240401-06)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.01	100	2.00	11.3	
Toluene*	<0.050	0.050	01/30/2024	ND	2.06	103	2.00	13.4	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.17	109	2.00	13.7	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.59	110	6.00	13.9	
Total BTEX	<0.300	0.300	01/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	227	113	200	1.34	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	227	114	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

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Project Manager:	Conn	ner Moehrin	g			Bill to: (ii	different)		Cam	nona R	esource	es								V	Nork C	Ordor	Page1_ Comments	of1
Company Name:	Carm	nona Resou	ırces			Compar	y Name:										Proc	ram: I	IST/D				vnfields RC	
Address:	310 V	W Wall St S	Ste 500			Address										\dashv		of Pr			PRP	row	Infields LIRC	perfund
City, State ZIP:	Midla	nd, TX 797	01			City, Sta	te ZIP:								-	\dashv			•		vel III	□sī	T/UST RRP	Level IV
Phone:	432-8	313-6823			Ema	il: mcarm		rmonare	sourc	es.cor	n							erable			_		PT Other.	LECYCHY L
Project Name:		Stratocaste	r 20 Fed 1H	(01.15.24)	Tur	n Around								ANAL	VSIS	REO	LIEST						D	
Project Number:			2245		Routine	☑ Rus	h	Pres. Code		T			Т	T	1313	NEQ.	L	Т	Г	Т	Т	T		ive Codes
Project Location		Lea Co	ounty, New N	Mexico	Due Date:	72	HR											\vdash	\vdash	\vdash	+		Cool: Cool	DI Water: H ₂ O
Sampler's Name:			IR							MRO)			1										HCL: HC	MeOH: Me HNO ₃ : HN
PO #:								2		1 +						1						1	H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	Т	Temp	Blank:	Yes No	Wet Ice:	Yes	€No	Parameters	<u></u>	+ DRO	00					1	1		1			1	H ₃ PO ₄ : HP	riaori. ria
Received Intact:		Yes	No	Thermometer ID	:	14	0	Ta Ta	BTEX 8021B	I ž	e 4500									1	1	1	NaHSO ₄ : NABIS	
Cooler Custody Seals		Yes N	lo N/A	Correction Factor	or:	-		Pa	X	GRC	Chloride						1			1			Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals	s:	Yes N	lo N/A	Temperature Re	ading:	-1.5	706		E	Σ	CH.						1						Zn Acetate+NaOl	
Total Containers:		0413	le	Corrected Temp	erature:	-				8015M (GRO													NaOH+Ascorbic	
Sample Ident		on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Co	
H-1 (0-0			1/24/2024	-	Х		G	1	Х	Х	Х													
H-2 (0-0			1/24/2024		Х		G	1	Х	Х	Х													
H-3 (0-0	.5')		1/24/2024		Х		G	1	Х	Х	Х											-		
H-4 (0-0	.5')		1/24/2024		Х		G	1	Х	Х	Х													
H-5 (0-0	.5')		1/24/2024		Х		G	1	Х	Х	Х													
H-6 (0-0	.5')		1/24/2024		X		G	1	Х	Х	х													
					-																			

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

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

1/29/24 ///30 PARTY

Date/Time

129/24/1/30



February 22, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: STRATOCASTER 20 FED 1H (01.15.24)

Enclosed are the results of analyses for samples received by the laboratory on 02/21/24 12:30.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (1') (H240847-01)

DTEV 0021D

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported:

02/22/2024 Sampling Type: Soil

Sampling Date:

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

02/21/2024

Sample ID: CS - 2 (1') (H240847-02)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Applyzod By: 14

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02/21/2024

Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: Soil

Project Name: STRA Project Number: 2245

STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact
2245 Sample Received By: Shalyn Rodriguez

Sampling Date:

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sample ID: CS - 3 (1') (H240847-03)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Analyzed By: JH

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02/21/2024

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported:

02/22/2024 Sampling Type: Soil STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Number: 2245

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 4 (1') (H240847-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported:

Sampling Date: 02/21/2024 Soil

Project Name:

RTFY 8021R

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24)

Applyzod By: 14

Project Number: 2245 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 5 (1') (H240847-05)

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 77.5-12	5						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported:

Sampling Date: 02/22/2024 Sampling Type: Sampling Condition:

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO 02/21/2024 Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: CS - 6 (1') (H240847-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 77.5-12	5						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition:

Applyzod By: 14

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024 Sampling Type: Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: CS - 7 (1') (H240847-07)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported: 02/22/2024 Sampling Date: 02/21/2024 Sampling Type:

Project Name:

STRATOCASTER 20 FED 1H (01.15.24)

Soil

Project Number:

2245

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Location:

LEA COUNTY, NEW MEXICO

Sample ID: CS - 8 (1') (H240847-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 77.5-12	5						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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02/21/2024

Soil

Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition:

Project Name: STRA Project Number: 2245 Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sampling Date:

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 9 (1') (H240847-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 77.5-12	25						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (1') (H240847-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition:

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024 Sampling Type: Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: CS - 11 (1') (H240847-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	< 0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported: 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Project Name:

BTEX 8021B

STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact

Project Number: 2245 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 12 (1') (H240847-12)

	<u> </u>	<u> </u>		. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/21/2024 Sampling Date: 02/21/2024

Reported: 02/22/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Type: Soil

Project Number: 2245 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 13 (1') (H240847-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition:

Project Name: STRA'
Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024 Sampling Type: Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: CS - 14 (1') (H240847-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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02/21/2024

Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported:

02/22/2024 Sampling Type: Soil

Sampling Date:

Project Name:

STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact Sample Received By: Project Number: 2245 Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 15 (1') (H240847-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (1') (H240847-16)

RTFY 8021R

Analyte	Result								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported: 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Project Name:

BTEX 8021B

STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact

Project Number: 2245 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 17 (1') (H240847-17)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	74.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

 02/21/2024
 Sampling Date:
 02/21/2024

 02/22/2024
 Sampling Type:
 Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24)
Project Number: 2245

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 2243

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 18 (1') (H240847-18)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Reported: 02/22/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact

Project Number: 2245 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 19 (1') (H240847-19)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

Sampling Date: 02/21/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24)
Project Number: 2245

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Number: 2245
Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 20 (1') (H240847-20)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.25	112	2.00	1.05	
Toluene*	<0.050	0.050	02/21/2024	ND	2.23	111	2.00	0.868	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.19	109	2.00	0.654	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.38	106	6.00	0.743	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	187	93.4	200	1.73	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	206	103	200	7.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported: 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2245 Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 21 (1') (H240847-21)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	25						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Reported: 02/22/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 22 (1') (H240847-22)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	< 0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Sampling Date: 02/21/2024

Reported: 02/22/2024 Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Type: Soil Sampling Condition: Cool & Intact

Project Number: 2245 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 23 (1') (H240847-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 77.5-12	5						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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02/21/2024

Shalyn Rodriguez

Analytical Results For:

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

Received: 02/21/2024 Reported:

02/22/2024 Sampling Type: Soil STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 24 (1') (H240847-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: Soil

Project Name: STRATOCASTER 20 FED 1H (01.15.24)
Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Sampling Condition:

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: SW - 1 (1') (H240847-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 77.5-12	5						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 STRATOCASTER 20 FED 1H (01.15.24)

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (1') (H240847-26)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	< 0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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02/21/2024

Soil

Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type:

Project Name: STRA Project Number: 2245

STRATOCASTER 20 FED 1H (01.15.24) Sampling Condition: Cool & Intact

2245 Sample Received By: Shalyn Rodriguez

Sampling Date:

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 3 (1') (H240847-27)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 Reported:

02/22/2024 Sampling Type: Soil STRATOCASTER 20 FED 1H (01.15.24)

Sampling Date:

Project Name: Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

02/21/2024

Sample ID: SW - 4 (1') (H240847-28)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 02/21/2024 Reported: 02/22/2024

02/22/2024 Sampling Type: STRATOCASTER 20 FED 1H (01.15.24) Sampling Condit

Project Name: STRA Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 02/21/2024

Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (1') (H240847-29)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 77.5-12	25						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Reported: Project Name:

Sampling Condition:

STRATOCASTER 20 FED 1H (01.15.24) Project Number: 2245

Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 6 (1') (H240847-30)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/21/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/21/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	25						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 02/22/2024 Sampling Date: 02/21/2024 Soil

Reported: Project Name: STRATOCASTER 20 FED 1H (01.15.24) Sampling Type:

Project Number: 2245 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 7 (1') (H240847-31)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/22/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Reported: Project Name: STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2245

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 8 (1') (H240847-32)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/22/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Fax To:

Received: 02/21/2024 02/22/2024 Sampling Date: 02/21/2024 Sampling Type: Soil

Reported: Project Name:

STRATOCASTER 20 FED 1H (01.15.24)

Sampling Condition: Cool & Intact

Project Number: 2245 Sample Received By:

Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 9 (1') (H240847-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.20	110	2.00	0.612	
Toluene*	<0.050	0.050	02/22/2024	ND	2.18	109	2.00	0.904	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.16	108	2.00	0.889	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.53	109	6.00	0.440	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	202	101	200	1.35	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	197	98.7	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

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



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

3/26/2024

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Chain of Custody

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Work Order Comments Bill to: (if different) Carmona Resources Conner Moehring Project Manager: perfund Program: UST/PST PRP rownfields RC Company Name: Carmona Resources Company Name: State of Project: Address: 310 W Wall St Ste 500 Address: Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: Midland, TX 79701 City, State ZIP: Deliverables: EDD ADaPT Other: Email: mcarmona@carmonaresources.com 432-813-6823 Phone: **Preservative Codes ANALYSIS REQUEST** Turn Around Stratocaster 20 Fed 1H (01.15.24) Project Name: None: NO DI Water: H2O Routine ✓ Rush Code 2245 Project Number: Cool: Cool MeOH: Me 24 HR Lea County, New Mexico Due Date: **Project Location** MRO) HNO₃: HN HCL: HC CRM Sampler's Name: NaOH: Na H₂S0₄: H₂ PO #: 8015M (GRO + DRO + H₃PO₄: HP Yes No Yes Wet Ice: SAMPLE RECEIPT Temp Blank: NaHSO₄: NABIS 40 Yes_No Thermometer ID: Received Intact: BTEX 8 Na₂S₂O₃: NaSO₃ Correction Factor: Yes No N/A Cooler Custody Seals: Zn Acetate+NaOH: Zn 5.4 Yes No N/A Temperature Reading: Sample Custody Seals: NaOH+Ascorbic Acid: SAPC Corrected Temperature: Total Containers: PH Grab/ # of **Sample Comments** Soil Water Time Sample Identification Date Cont Comp X X X C X 2/21/2024 CS-1 (1') X X X X C 1 2/21/2024 CS-2 (1') X X X C X 1 CS-3 (1') 2/21/2024 X X X C 1 X CS-4 (1') 2/21/2024 C X X X X 1 2/21/2024 CS-5 (1') 0 C 1 X X X X CS-6 (1') 2/21/2024 X X C X X 1 2/21/2024 CS-7 (1') 8 X X X C 1 X CS-8 (1') 2/21/2024 9 X X Χ C 1 X CS-9 (1') 2/21/2024 X X X C X CS-10 (1') 2/21/2024

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

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Page 37 of 39 Work Order No: <u>4340847</u>

Project Manager:	Conner Mo	pehring			Bill to: (if	different)		Carmona Resources						Work	Order C	omments			
Company Name:	Carmona I	Resources			Compan	y Name:							Pro	gram: U	ST/PST	PRP	rownf	elds RC	perfund [
Address:	310 W Wa	II St Ste 500			Address	ess:							Stat	e of Pro	ject:				
City, State ZIP:	Midland, T.	X 79701			City, Sta	te ZIP:							Rep	orting:Le	evel II	_evel III	□ST/U	ST RRP	Level IV
Phone:	432-813-6	823		Emai	: mcarmo	na@car	monares	source	s.con	<u>n</u>			Deli	verables	EDD [ADaPT	☐ Other:	
roject Name:	Strato	caster 20 Fed 1H	(01.15.24)	Tur	n Around						ANA	LYSIS RI	QUEST	Г			T	Preservat	tive Codes
Project Number:		2245		Routine	Rus	h	Pres. Code					T			T	T		lone: NO	DI Water: H ₂ O
roject Location	L	ea County, New I	Mexico	Due Date:	24	HR /					\top					\top	+	cool: Cool	MeOH: Me
Sampler's Name:		CRM			-				MRO)								1 1	ICL: HC	HNO ₃ : HN
0 #:			\sim				8		+								-	2S04: H2	NaOH: Na
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ooler Custody Seal		es No N/A	Correction Factor	or:	-		4	ВТЕХ	8015M (GRO	Chloride							l l	a ₂ S ₂ O ₃ : NaSO ₃	3
ample Custody Sea	als:	es No N/A	Temperature Re		5.	43		8	15M	5							Z	n Acetate+NaO	H: Zn
otal Containers:			Corrected Temp	erature:					180								N	aOH+Ascorbic	Acid: SAPC
Sample Ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН									Sample C	comments
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CS-12	(1')	2/21/2024		Х		С	1	Х	Х	X								12	
CS-13	(1')	2/21/2024		X		С	1	Х	Х	X								13	
CS-14	(1')	2/21/2024		X		С	1	Х	Х	X								14	
CS-15	(1')	2/21/2024		X		С	1	Х	Х	X								15	
CS-16	(1')	2/21/2024		Х		С	1	Х	Х	X								le	
	(1')	2/21/2024		Х		С	1	Х	Х	X								17.	
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Work Order No: <u>H240847</u>

Work Order Comments Bill to: (if different) Carmona Resources Project Manager: Conner Moehring Program: UST/PST PRP rownfields RC perfund Company Name: Company Name: Carmona Resources State of Project: 310 W Wall St Ste 500 Address: Address: Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: City, State ZIP: Midland, TX 79701 Deliverables: EDD ADaPT Other: mcarmona@carmonaresources.com 432-813-6823 Phone: **Preservative Codes ANALYSIS REQUEST** Stratocaster 20 Fed 1H (01.15.24) Turn Around Project Name: DI Water: H₂O None: NO ✓ Rush Routine 2245 Project Number: Code MeOH: Me Cool: Cool 24 HR Due Date: Lea County, New Mexico **Project Location** MRO) HCL: HC HNO3: HN CRM Sampler's Name: NaOH: Na H₂S0₄: H₂ PO #: 8015M (GRO + DRO + H₃PO₄: HP SAMPLE RECEIPT Yes No Wet Ice: Yes Temp Blank: NaHSO₄: NABIS Yes No Thermometer ID: Received Intact: Chloride Na₂S₂O₃: NaSO₃ Yes No N/A Correction Factor: Cooler Custody Seals: Zn Acetate+NaOH: Zn Yes No N/A Temperature Reading: Sample Custody Seals: NaOH+Ascorbic Acid: SAPC Corrected Temperature: Total Containers: Grab/ # of **Sample Comments** Water Sample Identification Date Time Soil Cont Comp 2 X C X X X CS-21 (1') 2/21/2024 20 X X X Х C 1 CS-22 (1') 2/21/2024 23 C X X X X 1 2/21/2024 CS-23 (1') 24 C X X X 1 X CS-24 (1') 2/21/2024 X C X X X 1 SW-1 (1') 2/21/2024 X C 1 X X X SW-2 (1') 2/21/2024 X X X X C 1 SW-3 (1') 2/21/2024 C X X X Х 1 SW-4 (1') 2/21/2024 C X X X X 1 SW-5 (1') 2/21/2024 X X X X SW-6 (1') 2/21/2024

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

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City, State ZIP:	Midland, T				City, Sta									-		g:Level I		vel III	□st/	UST RRE	P Level IV	ol
Phone:	432-813-68			Ema	il: mcarm		monare	source	es.cor	n				_		oles: ED			ADaP1	_		
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Project Number:	Olluto	2245	(01,10,24)	Routine	Rus	_	Pres. Code		Т	Т	П	AN	ALTOIO	TEQUE	31	T	T	П		None: NO	DI Water: H ₂	
Project Location	L	ea County, New	Mexico	Due Date:	1	HR	Code		\vdash		\vdash	+	+	\neg	+	+	+	\vdash		Cool: Cool	MeOH: Me	
Sampler's Name:		CRM	THO ALCO	Duo Duio.	1	''''			80											HCL: HC	HNO ₃ : HN	
PO#:			F				2		TPH 8015M (GRO + DRO + MRO)											H ₂ S0 ₄ : H ₂	NaOH: Na	
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes		Parameters	<u>=</u>	l Sa	000										H₃PO₄: HP		
Received Intact:		Yes No	Thermometer ID):	140)	aran	BTEX 8021B	†	Chloride 4500										NaHSO ₄ : NA	BIS	
Cooler Custody Seal		es No N/A	Correction Factor	or:	-		4	Ĭ,	GR	lorie										Na ₂ S ₂ O ₃ : Na	SO ₃	
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Total Containers:			Corrected Temp	perature:					1 80 H											NaOH+Ascor	bic Acid: SAPC	
Sample Ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP											Sample	e Comments	
SW-7		2/21/2024		Х		С	1	X	X	X										31		٦
SW-8		2/21/2024		Х		С	1	Х	X	X										32		
SW-9	(1')	2/21/2024		Х		С	1	Х	Х	Х										33		
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APPENDIX F

CARMONA RESOURCES



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline SpotSandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

._

Stony Spot

Very Stony Spot

Spoil Area

△ Other

Special Line Features

Water Features

Streams and Canals

Transportation

HH Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

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

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

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

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI		
SE	Simona fine sandy loam, 0 to 3 percent slopes	1.2	100.0%		
Totals for Area of Interest		1.2	100.0%		

Lea County, New Mexico

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2 Elevation: 3,000 to 4,200 feet

Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 58 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Simona

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from

sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam

Bk - 8 to 16 inches: gravelly fine sandy loam Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained Runoff class: Very high

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

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 35 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

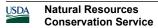
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s



Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent

Ecological site: R077CY037TX - Very Shallow 16-21" PZ

Hydric soil rating: No

Lea

Percent of map unit: 7 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

^{*}Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

<u>District I</u> 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

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

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

QUESTIONS

Action 326698

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2402936868
Incident Name	NAPP2402936868 STRATOCASTER 20 FEDERAL COM 001H @ 0
Incident Type	Release Other
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2204036675] Stratocaster 20 Fed 1 & 2 RB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Stratocaster 20 Federal Com 001H
Date Release Discovered	01/15/2024
Surface Owner	Federal

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

h	-
Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Freeze Valve Crude Oil Released: 12 BBL Recovered: 5 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Cause: Freeze Valve Produced Water Released: 3 BBL Recovered: 1 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

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

QUESTIONS, Page 2

Action 326698

QUESTIONS (COILLII)	QUESTIONS (continued)	
	OGRID:	

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	

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

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

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

QUESTIONS, Page 3

Action 326698

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions t	hat apply or are indicated. This information must be provided t	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	al extents of contamination been fully delineated	Yes
Was this release entirely o	ontained within a lined containment area	No
Soil Contamination Sampling	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	1070
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	34730
GRO+DRO	(EPA SW-846 Method 8015M)	31800
BTEX	(EPA SW-846 Method 8021B or 8260B)	606
Benzene	(EPA SW-846 Method 8021B or 8260B)	65.7
	NMAC unless the site characterization report includes complete telephone for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date w	III the remediation commence	02/14/2024
On what date will (or did) t	he final sampling or liner inspection occur	02/21/2024
On what date will (or was)	the remediation complete(d)	02/26/2024
What is the estimated surfa	ace area (in square feet) that will be reclaimed	4650
What is the estimated volu	me (in cubic yards) that will be reclaimed	180
What is the estimated surfa	ace area (in square feet) that will be remediated	4650
What is the estimated volu	me (in cubic yards) that will be remediated	0
These estimated dates and measu	rements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 326698

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	Stratocaster 20 Fed 1 & 2 RB [fAPP2204036675]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

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

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

I hereby agree and sign off to the above statement

Name: Brittany Esparza
Title: Environmental Technician

Email: brittany.Esparza@ConocoPhillips.com

Date: 03/26/2024

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

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QUESTIONS, Page 5

Action 326698

QUESTIONS	(continued)
QUESTIONS!	COH I III I I I I C C I I

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 326698

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Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	315461	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/21/2024	
What was the (estimated) number of samples that were to be gathered	45	
What was the sampling surface area in square feet	7400	

Remediation Closure Request			
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.			
Requesting a remediation closure approval with this submission	Yes		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes		
What was the total surface area (in square feet) remediated	4650		
What was the total volume (cubic yards) remediated	180		
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes		
What was the total surface area (in square feet) reclaimed	3100		
What was the total volume (in cubic yards) reclaimed	51		
Summarize any additional remediation activities not included by answers (above)	"Contaminated area on the pad was remediated/excavated and replaced with clean soil. All confirmation samples were below standards set in Table 1, 19.15.29 NMAC."		

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

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

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Date: 03/26/2024

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QUESTIONS, Page 7

Action 326698

QUESTIONS (continued)		
Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137 Action Number: 326698 Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS	[6 11] Residing to 111 (6 111 vice and alon)	
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	3100	
What was the total volume of replacement material (in cubic yards) for this site	51	
D D	-fftf	

mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

Is the soil top layer complete and is it suitable material to establish vegetation

Yes

Is the soil top layer complete and is it suitable material to establish vegetation

On what (estimated) date will (or was) the reseeding commence(d)

O2/26/2024

"Tractor and Seed Drill installed BLM #2 Seed Mix on Feburary 24, 2024 after the site was backfilled with clean topsoil material in the ROW and pasture area affected by remediation activities"

The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

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

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Date: 03/26/2024

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QUESTIONS, Page 8

Action 326698

QUESTIONS	(continued)
QUESTIONS!	COH I III I I I I C C I I

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission No		
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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CONDITIONS

Action 326698

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	326698
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/3/2024