

MCollier@H-R Enterprises.com 575-909-0326

## Site Assessment, Remediation, and Closure Report

Scoter 6-31 Federal Com #044H Flowline Incident# nAPP2406128105 Eddy County, New Mexico

## **Prepared For:**

Cimarex Energy Co. 6001 Deauville Blvd. Suite 300N Midland, TX 79706

## **Prepared By:**

H&R Enterprises, LLC 5120 W. Kansas St. Hobbs, New Mexico 88242

May 24, 2024

Mr. Mike Bratcher **New Mexico Oil Conservation District** 1220 S. St. Francis Dr. Santa Fe, NM 87505

Crisha Morgan **Bureau of Land Management** 620 Greene St. Carlsbad, NM 88220

Subject: Site Assessment, Remediation, and Closure Report

Scoter 6-31 Federal Com #044H Flowline

Eddy County, NM

To whom it may concern,

Cimarex Energy Co. has contracted H&R Enterprises (H&R) to perform site assessment and remediation services at the above-referenced location. The results of our site assessment and remediation activities are contained herein.

#### **Site Information**

The Scoter 6-31 Federal Com #044H Flowline is located approximately 15.6 miles South of Carlsbad, New Mexico. The legal location for this release is Unit Letter J, Section 6, Township 25 South and Range 27 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.154775 North and -104.228171 West. Site plans are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Reeves-Reagan Loams, 0 to 3 percent slopes. The referenced soil data is attached in Appendix II. Drainage courses in this area are typically dry. The project site is located in a high Karst potential area (Karst Map, Appendix I).

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

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 42-feet below ground surface (BGS). See Appendix II for the referenced groundwater data.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29, NMAC.

#### **Approximate Depth to Groundwater** 42 Feet/BGS ⊠No Yes Within 300 feet of any continuously flowing watercourse or any other significant watercourse No Yes Within 200 feet of any lakebed, sinkhole, or a playa lake ⊠No Yes Within 300 feet from an occupied permanent residence, school, hospital, institution, or church ⊠No Within 500 feet of a spring or a private, domestic fresh water well Yes used by less than five households for domestic or stock watering purposes ⊠No Yes Within 1000 feet of any freshwater well or spring Yes ⊠No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978 Yes No Within 300 feet of a wetland No Yes Within the area overlying a subsurface mine Yes No Within an unstable area Yes $\boxtimes$ No Within a 100-year floodplain

As this is a remediation in a high karst area as well as being in an area with a depth to groundwater of less than 50-feet BGS, the closure criteria for this site is as follows:

Table I							
Closure Criteria for Soils Impacted by a Release							
Minimum depth	Constituent	Method*	Limit**				
below any point within the horizontal							
boundary of the							
release to ground							
water less than							
10,000 mg/I TDS							
≤ 50 feet	Chloride **	EPA 300.0 or	600 mg/kg				
		SM4500 CIB					
	TPH	EPA SW-846	100 mg/kg				
	(GRO+DRO+MRO)	Method 8015M					
	BTEX	EPA SW-846	50 mg/kg				
		Method 8021B or					
		8260B					
	Benzene	EPA SW-846	10 mg/kg				
		Method 8021B or					
		8260B					

#### **Incident Description**

On February 29, 2024, a buried flowline was releasing fluid along the right-of-way as well as into the pasture on the South side of the pad due to a hole in the 90-degree bend in the flowline. The well tied to the flowline was immediately shut in and a vac truck was dispatched to recover the standing fluids. A total of 13 barrels (bbls) of produced water and 2 bbls of crude oil were released. A total of 8 bbls of produced water and crude oil combined were recovered.

#### **Site Assessment Activities**

H&R mobilized personnel to begin site assessment sampling activities of the location. Grab samples were obtained within the release area, transported to Cardinal Laboratory for analysis, and the results of that analysis are presented in the following data table. Initial site assessment sampling locations are illustrated on Site Assessment Map, Appendix I. Photographic documentation of the site assessment sample points is attached in Appendix IV. Complete laboratory reports can be found in Appendix V.

Table 1: Initial Soil Samples Analysis

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC		teria 19.15.29	50 mg/kg	10 mg/kg		100 mg/kg		100 mg/kg	600 mg/kg
	5/3/2024	0-1'	ND	ND	ND	16100	5040	21140	92800
	5/3/2024	2'	ND	ND	ND	31.6	ND	31.6	5400
Π-1	5/3/2024	3'	ND	ND	ND	ND	ND	0	2480
	5/3/2024	4'	ND	ND	ND	378	92.1	470.1	5000
	5/3/2024	6'	ND	ND	ND	ND	ND	0	272
	5/3/2024	0-1'	ND	ND	ND	44.8	11.7	56.5	5200
П-2	5/3/2024	2'	ND	ND	ND	ND	ND	0	144
11-2	5/3/2024	3'	ND	ND	ND	ND	ND	0	272
	5/3/2024	4'	ND	ND	ND	ND	ND	0	240
	5/3/2024	0-1'	ND	ND	ND	ND	ND	0	6900
П-3	5/3/2024	2'	ND	ND	ND	ND	ND	0	4720
11-3	5/3/2024	3'	ND	ND	ND	ND	ND	0	4320
	5/3/2024	4'	ND	ND	ND	ND	ND	0	176

#### **Remediation Activities**

Based on the results of our site assessment results and upon client authorization, excavation activities of the impacted area commenced. Composite confirmation samples that were collected were transported to Cardinal Laboratory for analysis to confirm that NMOCD closure criteria had been met and the results of that analysis can be found in the following data table. Composite confirmation sample locations and excavation dimensions can be found on Confirmation Sample Map in Appendix I. Photographic documentation of the excavation is presented in Appendix IV. Complete laboratory reports are attached in Appendix V.

Table 2: Confirmation Soil Sample Analysis

Table 2. Commination Son Sample Analysis									
Sample ID	Sample Date	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
		(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Tabl	le 1 Closure Crit NMAC	teria 19.15.29	50 mg/kg	10 mg/kg		100 mg/kg		100 mg/kg	600 mg/kg
S-1	5/6/2024	6'	ND	ND	ND	ND	ND	0	208
S-2	5/6/2024	1'	ND	ND	ND	ND	ND	0	32
S-3	5/6/2024	1'	ND	ND	ND	ND	ND	0	16
S-4	5/6/2024	1'	ND	ND	ND	ND	ND	0	ND
S-5	5/6/2024	1'	ND	ND	ND	ND	ND	0	16
S-6	5/6/2024	1'	ND	ND	ND	ND	ND	0	ND
S-7	5/6/2024	1'	ND	ND	ND	ND	ND	0	16
S-8	5/6/2024	1'	ND	ND	ND	ND	ND	0	ND
S-9	5/6/2024	4'	ND	ND	ND	ND	ND	0	ND
S-10	5/6/2024	4'	ND	ND	ND	ND	ND	0	144
S-11	5/6/2024	4'	ND	ND	ND	ND	ND	0	176
S-12	5/6/2024	1'	ND	ND	ND	ND	ND	0	32
SW-1	5/6/2024	6'	ND	ND	ND	ND	ND	0	16
SW-2	5/6/2024	6'	ND	ND	ND	ND	ND	0	16
SW-3	5/6/2024	6'	ND	ND	ND	ND	ND	0	32
SW-4	5/6/2024	6'	ND	ND	ND	ND	ND	0	16
SW-5	5/6/2024	1'	ND	ND	ND	ND	ND	0	32
SW-6	5/6/2024	1'	ND	ND	ND	ND	ND	0	32
SW-7	5/6/2024	1'	ND	ND	ND	ND	ND	0	16
SW-8	5/6/2024	1'	ND	ND	ND	ND	ND	0	48
SW-9	5/6/2024	4'	ND	ND	ND	ND	ND	0	16
SW-10	5/6/2024	4'	ND	ND	ND	ND	ND	0	32
SW-11	5/6/2024	4'	ND	ND	ND	ND	ND	0	32
SW-12	5/6/2024	4'	ND	ND	ND	ND	ND	0	64
SW-13	5/6/2024	1'	ND	ND	ND	ND	ND	0	16
SW-14	5/6/2024	1'	ND	ND	ND	ND	ND	0	16

ND = Analyte Not Detected S = Bottom Composite Sample SW = Sidewall Composite Sample

- The impacted area in the vicinity of sample point TT-1 (S-1 and S-12) were excavated to a total depth of 6-foot BGS.
- The impacted areas in the vicinity of sample point TT-2 (S-2 through S-8) were excavated to a total depth of 1-foot BGS.
- The impacted areas in the vicinity of sample point TT-3 (S-9 through S-11) were excavated to a total depth of 4-foot BGS.
- Composite confirmation samples were obtained from the sidewalls and bottom of the excavated area every 200-square foot to verify that all contaminants above closure criteria had been removed.
- All the excavated material (approximately 368 cu.yds.) was hauled to Lea Land, a NMOCD approved solid waste disposal facility.
- The excavated area on the right-of-way and pasture were backfilled with clean, locally sourced topsoil at depth and brought to grade, machine compacted and contoured to match the surrounding location. Seeding took place with a certified BLM #1 seed mixture following backfill. Seed was ripped and tracked in followed by a drag.

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#### Closure

Based on the site assessment, remedial actions, and confirmation sampling results completed for this project, on behalf of Cimarex Energy Co. we request that no further actions be required, and that closure of this incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-909-0326.

Respectfully submitted,

**H&R** Enterprises, LLC

Michael Collier

Michael Collier **Environmental Project Manager** 

#### Attachments:

Appendix I Site Maps

Appendix II Soil Survey, Groundwater Data, FEMA Flood Zone

Appendix III NMOCD Correspondence, BLM Seed Tag

Appendix IV Photographic Documentation

Appendix V Laboratory Reports

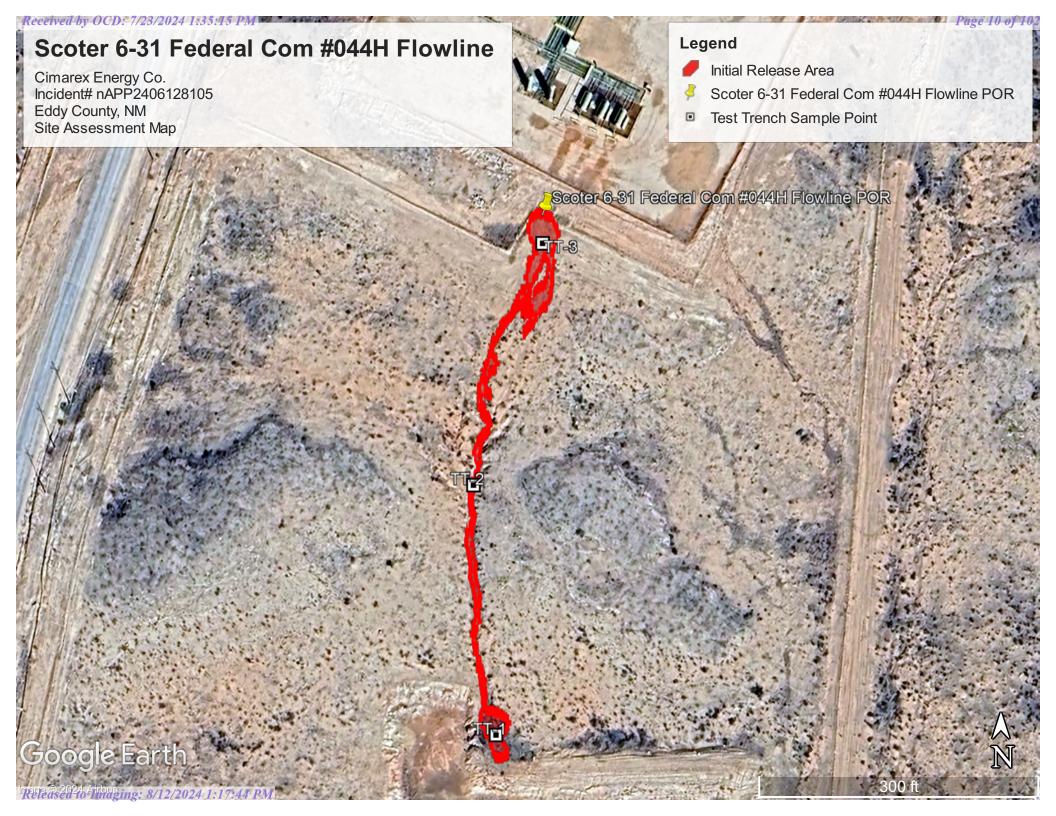
# **APPENDIX I**

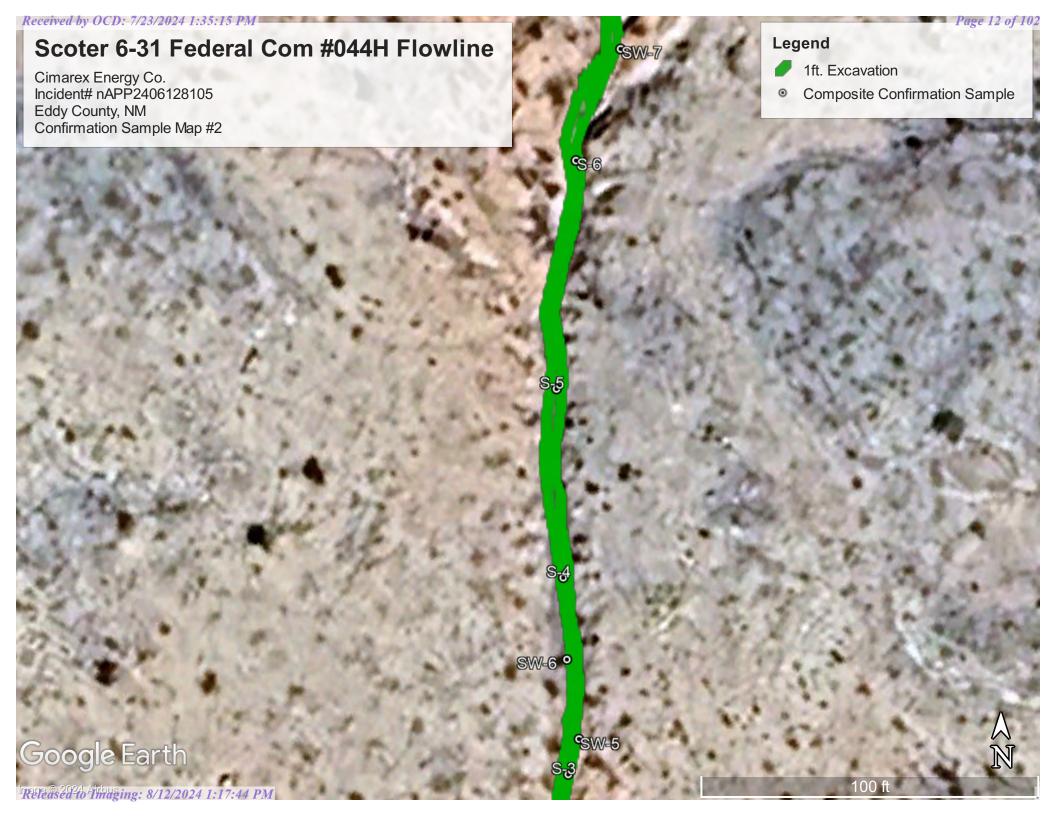
**SITE MAPS** 

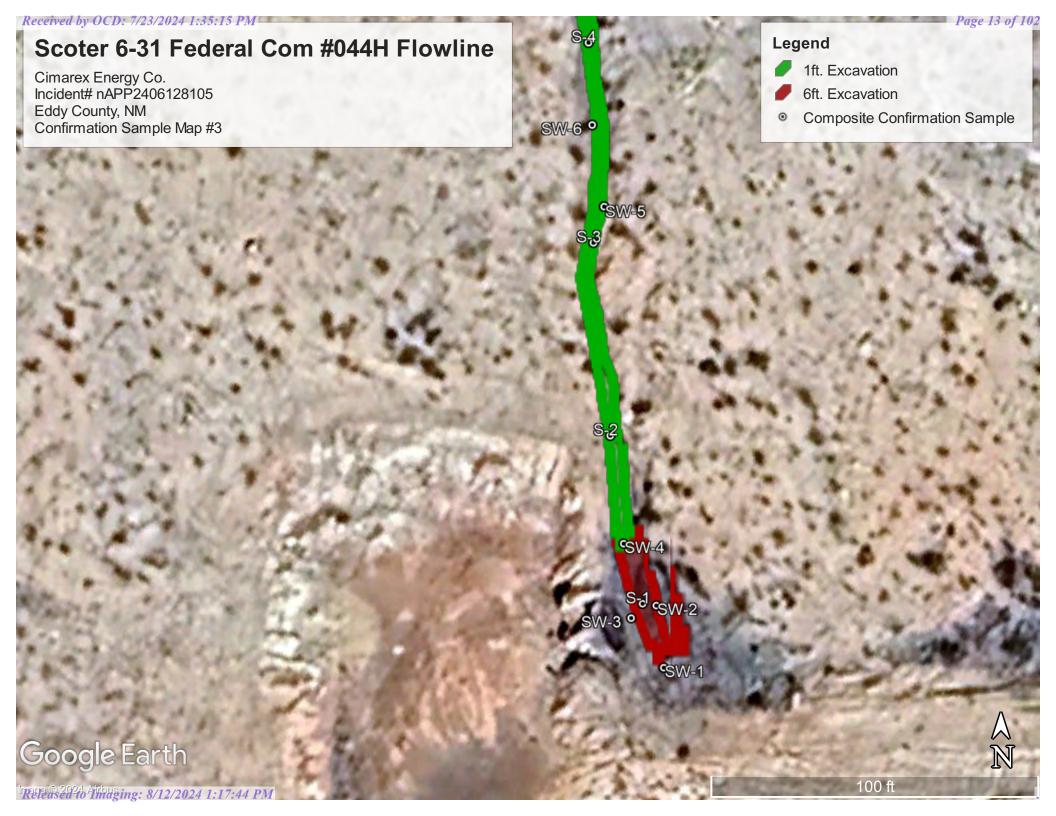
**KARST POTENTIAL MAP** 

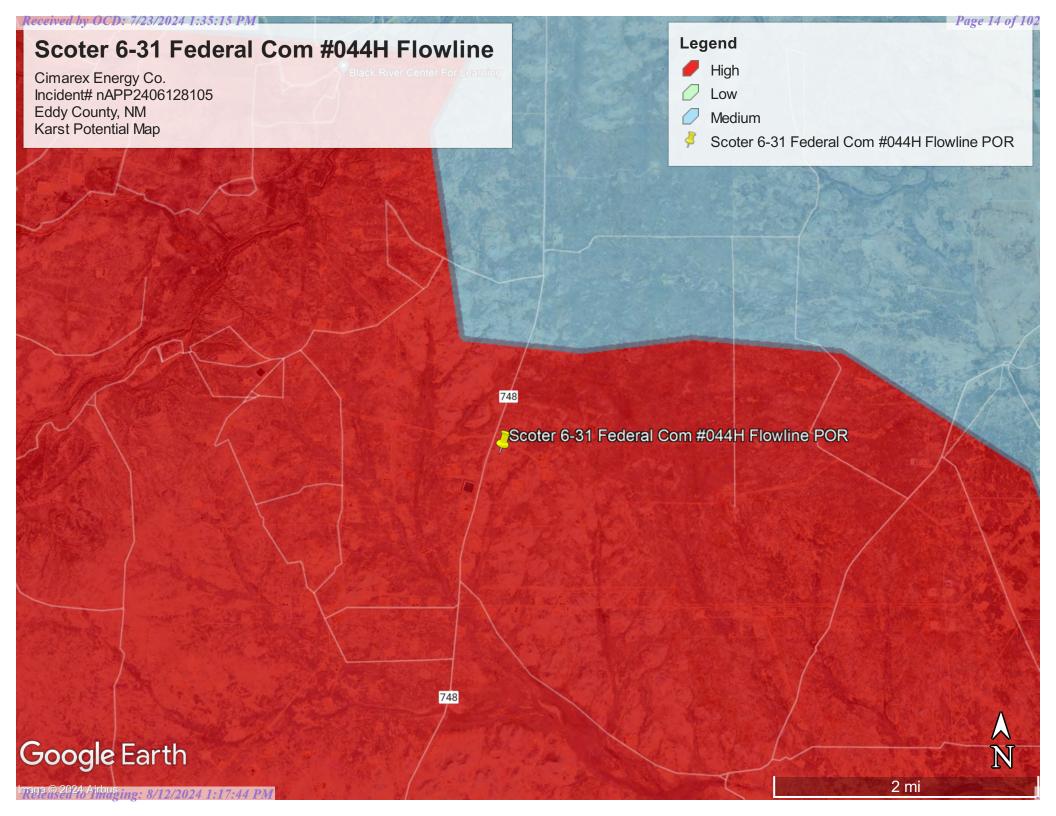
**TOPOGRAPHIC MAP** 

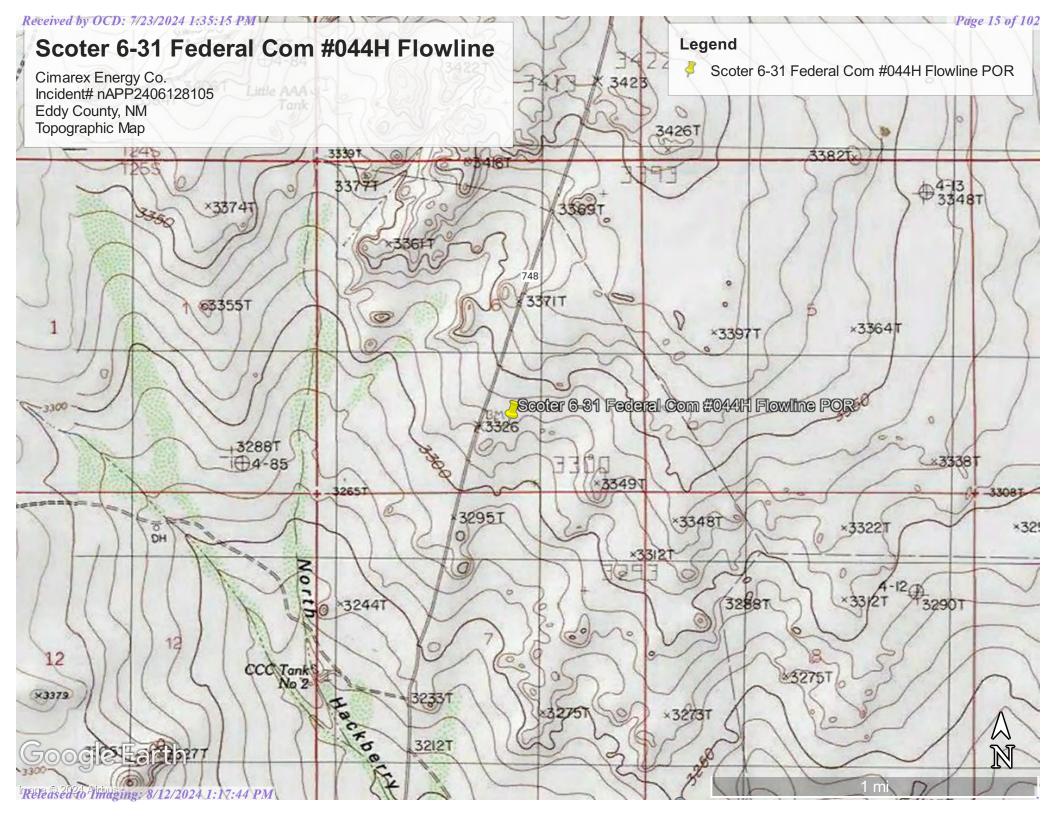
**LOCATOR MAP** 

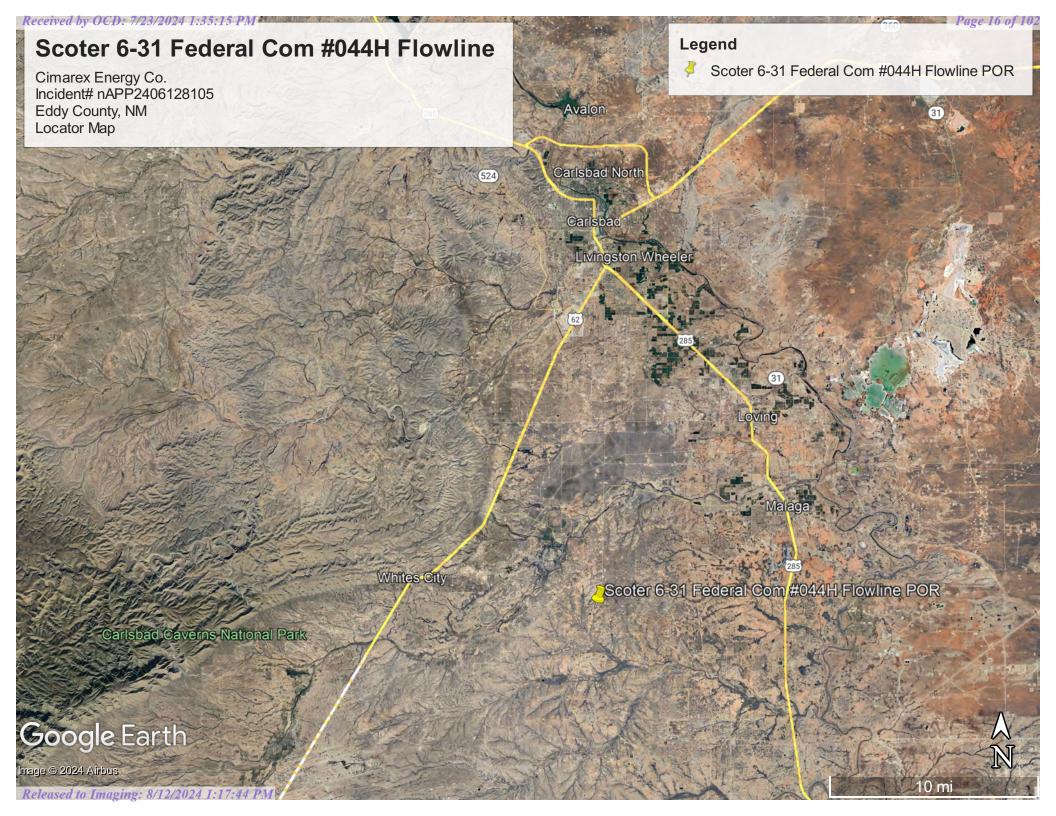












# **APPENDIX II**

# **GROUNDWATER DATA**

**SOIL SURVEY** 

**FEMA FLOOD ZONE** 



# 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,

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

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD												
		Sub-		Q (	Q	)							v	Vater
POD Number	Code	basin	County	64 1	6 4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	thWater Co	olumn
<u>C 00819</u>		С	ED	-	4	26	24S	26E	570022	3560935*	4083	62	42	20
<u>C 01841</u>		C	ED		1	29	24S	27E	573806	3561953*	4115	150		
C 03261 POD1		CUB	ED	3 2	2 1	20	25S	27E	574007	3554006*	4127	351		
C 03569 POD1		CUB	ED	2	1 1	14	25S	26E	568862	3555746	4531	30	0	30
C 04586 POD1		C	ED	4	1 1	35	24S	26E	568993	3560476	4578	150		
C 03654 POD1		CUB	ED	2	3 1	24	25S	26E	570654	3553773	4710			
C 03200 POD1		C	ED	2	3 4	34	24S	26E	568206	3559349	4816	80	52	28

Average Depth to Water:

31 feet

Minimum Depth:

0 feet

Maximum Depth:

52 feet

**Record Count:** 7

**Basin/County Search:** 

County: Eddy

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

**Easting (X):** 572817 **Northing (Y):** 3557958 **Radius:** 5000

\*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.

8/31/23 9:09 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

### **Eddy Area, New Mexico**

#### RM—Reeves-Reagan loams, 0 to 3 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w5g Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 25 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

#### **Map Unit Composition**

Reeves and similar soils: 50 percent Reagan and similar soils: 35 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **Description of Reeves**

#### Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

#### Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

#### **Properties and qualities**

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): 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: 25 percent

Gypsum, maximum content: 80 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

#### Interpretive groups

Land capability classification (irrigated): 3s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

#### **Description of Reagan**

#### Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

#### **Typical profile**

H1 - 0 to 8 inches: loam H2 - 8 to 30 inches: loam H3 - 30 to 82 inches: clay loam

#### **Properties and qualities**

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 50 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 15.0

Available water supply, 0 to 60 inches: Moderate (about 8.2

inches)

#### Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

#### **Minor Components**

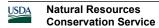
#### Gypsum land

Percent of map unit: 5 percent Hydric soil rating: No

#### Upton

Percent of map unit: 5 percent

Ecological site: R070BC025NM - Shallow



Hydric soil rating: No

#### Cottonwood

Percent of map unit: 5 percent Ecological site: R070BB006NM - Gyp Upland Hydric soil rating: No

# **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 18, Sep 8, 2022

# 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 Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - 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** Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary**  — --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

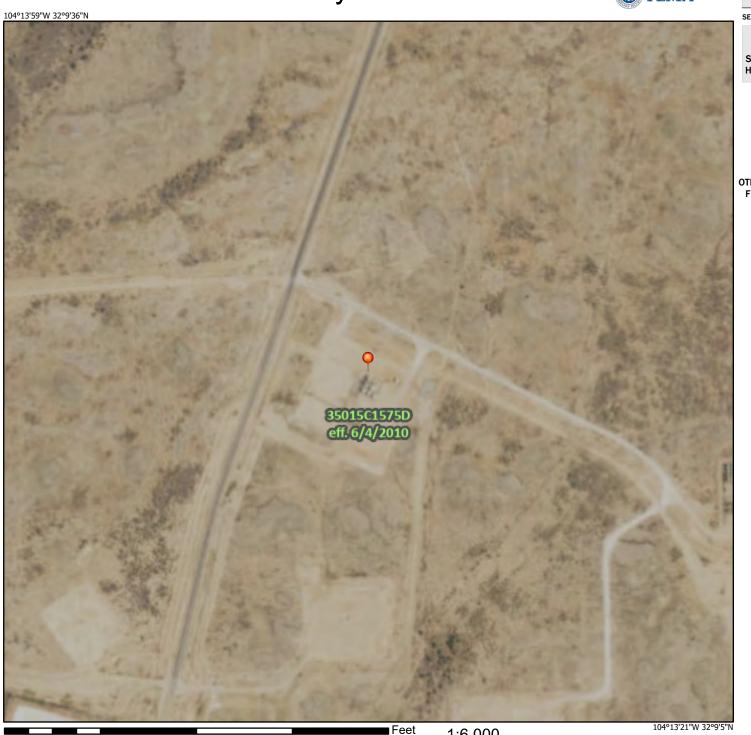
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/31/2023 at 11:12 AM 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.



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# **APPENDIX III**

# NMOCD CORRESPONDENCE

**BLM SEED TAG** 

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 319277

#### **QUESTIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	319277
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Scoter 6-41 Federal Com 44H Flowline				
Date Release Discovered	02/29/2024				
Surface Owner	Federal				

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications t	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Crude Oil   Released: 2 BBL   Recovered: 1 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 13 BBL   Recovered: 7 BBL   Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The buried flowline was found releasing fluid along the ROW and into the pasture. The well was immediately shut in and a vac truck dispatched to recover standing fluids. A total of 15 barrels of fluid was released with 8 barrels of fluid recovered along the spill path. The cause of the release is still under investigation. The site is currently being assessed and remediation will take place in the coming weeks. Released: 15 barrels of fluid (2 barrels oil + 13 barrels water) Recovered: 8 barrels of fluid

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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 319277

OUFS	TIONS	(continued	١
QUE3	IUNS	(continued	)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	319277
	Action Type:
	[NOTIFY] Notification Of Release (NOR)
·	

#### QUESTIONS

Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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 s	afety hazard that would result in injury.			
The source of the release has been stopped	True			
The impacted area has been secured to protect human health and the environment	True			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True			
All free liquids and recoverable materials have been removed and managed appropriately	True			
If all the actions described above have not been undertaken, explain why	Not answered.			

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 319277

#### **ACKNOWLEDGMENTS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	319277
	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.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
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.

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** 

CONDITIONS

Action 319277

#### **CONDITIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	319277
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### CONDITIONS

Created	d Condition	Condition Date
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/1/2024

From: <u>Laci Luig</u>
To: <u>Michael Collier</u>

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 339823

**Date:** Friday, May 3, 2024 8:00:18 AM

#### Good morning,

Sample notification for the Scoter 6-31 FL remediation.

Laci Luig (432) 208-3035

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Wednesday, May 1, 2024 8:20 PM

**To:** DL\_Permian Environmental < DL\_PermianEnvironmental@coterra.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application

ID: 339823

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

To whom it may concern (c/o Laci Luig for CIMAREX ENERGY CO.),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2406128105.

The sampling event is expected to take place:

**When:** 05/06/2024 @ 08:00

**Where:** O-06-25S-27E 0 FNL 0 FEL (32.154775,-104.228171)

Additional Information: Contact Michael Collier with H&R Enterprises

575-909-0326

**Additional Instructions:** From the intersection of CR 720 and CR 748, go South on 748 5.3 miles, turn East 0.1 miles, turn South 0.1 miles to spill located off of the South edge of location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

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



# **APPENDIX IV**

# PHOTOGRAPHIC DOCUMENTATION

## **INITIAL PHOTOGRAPHS**





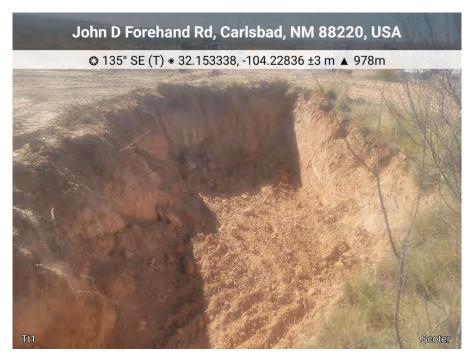








#### **TEST TRENCH PHOTOGRAPHS**



TT-1



TT-2



TT-3

#### **EXCAVATION PHOTOGRAPHS**























### **FINAL PHOTOGRAPHS**













### **APPENDIX V**

### LABORATORY REPORTS



May 10, 2024

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: SCOTER 6-31 FED COM 44H FLOWLINE (SCOTER)

Enclosed are the results of analyses for samples received by the laboratory on 05/06/24 14:24.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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



05/03/2024

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date:

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: CIMAREX - EDDY

### Sample ID: TT - 1 0 - 1' (H242429-01)

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	05/06/2024	ND	2.04	102	2.00	5.40	
Toluene*	<0.050	0.050	05/06/2024	ND	2.02	101	2.00	5.88	
Ethylbenzene*	<0.050	0.050	05/06/2024	ND	2.00	100	2.00	6.62	
Total Xylenes*	<0.150	0.150	05/06/2024	ND	5.88	98.0	6.00	6.87	
Total BTEX	<0.300	0.300	05/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 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	92800	16.0	05/07/2024	ND	432	108	400	3.64	
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*	<100	100	05/07/2024	ND	204	102	200	4.47	
DRO >C10-C28*	16100	100	05/07/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	5040	100	05/07/2024	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	436 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



05/03/2024

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date:

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: CIMAREX - EDDY

ma/ka

### Sample ID: TT - 1 2' (H242429-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2024	ND	2.04	102	2.00	5.40	
Toluene*	<0.050	0.050	05/06/2024	ND	2.02	101	2.00	5.88	
Ethylbenzene*	<0.050	0.050	05/06/2024	ND	2.00	100	2.00	6.62	
Total Xylenes*	<0.150	0.150	05/06/2024	ND	5.88	98.0	6.00	6.87	
Total BTEX	<0.300	0.300	05/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5400	16.0	05/07/2024	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	05/07/2024	ND	204	102	200	4.47	
DRO >C10-C28*	31.6	10.0	05/07/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024

ma/ka

Reported: 05/10/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (

Project Number: NOT GIVEN
Project Location: CIMAREX - EDDY

Sampling Date: 05/03/2024

Sampling Type: Soil

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

### Sample ID: TT - 1 3' (H242429-03)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2024	ND	2.04	102	2.00	5.40	
Toluene*	<0.050	0.050	05/06/2024	ND	2.02	101	2.00	5.88	
Ethylbenzene*	<0.050	0.050	05/06/2024	ND	2.00	100	2.00	6.62	
Total Xylenes*	<0.150	0.150	05/06/2024	ND	5.88	98.0	6.00	6.87	
Total BTEX	<0.300	0.300	05/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: NOT GIVEN Sample Received By:

Project Location: CIMAREX - EDDY

### Sample ID: TT - 1 4' (H242429-04)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5000	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	378	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	92.1	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: CIMAREX - EDDY

ma/ka

### Sample ID: TT - 1 6' (H242429-05)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: CIMAREX - EDDY

### Sample ID: TT - 2 0 - 1' (H242429-06)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	44.8	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	11.7	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: NOT GIVEN Sample Received By:

Project Location: CIMAREX - EDDY

### Sample ID: TT - 2 2' (H242429-07)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	144	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: CIMAREX - EDDY

mg/kg

### Sample ID: TT - 2 3' (H242429-08)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	272	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: CIMAREX - EDDY

ma/ka

### Sample ID: TT - 2 4' (H242429-09)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: CIMAREX - EDDY

### Sample ID: TT - 3 0 - 1' (H242429-10)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6900	16.0	05/07/2024	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	05/06/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/06/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/06/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/10/2024

05/10/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

ma/ka

Project Name: SCOTER 6-31 F Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/03/2024

Sampling Type: Soil

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

### Sample ID: TT - 3 2' (H242429-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	05/07/2024	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	05/07/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/03/2024

Reported: 05/10/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: NOT GIVEN Sample Received By:

Project Location: CIMAREX - EDDY

### Sample ID: TT - 3 3' (H242429-12)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	05/07/2024	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	05/07/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/10/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (

ma/ka

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/03/2024

Sampling Type: Soil

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

### Sample ID: TT - 3 4' (H242429-13)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/07/2024	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	05/07/2024	ND	204	102	200	4.47	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	210	105	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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### **Notes and Definitions**

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or S-06 matrix interference's. Analyte NOT DETECTED at or above the reporting limit ND

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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FORM-006 R 3.2 10/07/21



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: H&R Enterprises		BILL TO		ANALYSIS REQUEST
Project Manager: Michael Collier		P.O.#:		
Address:		Company: Cimarex		
City:	State: Zip:	Attn: Laci luig		
Phone #:	Fax#:	Address:		
Project #:	Project Owner: Cimarex	City:		
Project Name: Scoter 6-31 Fed Com 44H flowline	44H flowline (scot)	State: Zip:		
Project Location: Eddy		Phone #:		
Sampler Name: R. BELL		Fax#:		
FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING	
Lab I.D.	es Er			
בין זיבון ואס	(G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER;	BTEX TPH Chlorides	
- 15	X	X	X X X	
7 11-1 2'	G 1 X	X	x x x	
3 TT-1 3'	G 1 X	X	X X X	
U TT-1 4'	G 1 X	X	x x x	
TT-1 6'	G 1 X	X	X X X	
TT-2 0-1"	G 1 X	X	X X X	
) TT-2 2'	G 1 X	X	x x x	
Q TT-2 3'	G 1 X	X	X X X	
O TT-2 4'	G 1 X	X	X X X	
TT-3 0-1'	G 1 X	X	X X X	
PLEASE NOTE: Liability and Damages. Cardinal's fability and client event shall Cardinal be liable for incidental or consequental dam efficies or successors arising out of or related to the performan	PLAZER ROTE: Lively and Damayon, Carlian's laceling and clard's exclusive meney for any claim story pulsage based in commun or not, shall be intend to be secured up the claim for a wadyean. All of event years Cardinal to lacel to incidental or compagned of simple, including years in indice, social produces from the card to year of the formed by other its publishmen, event years Cardinal to lacel to incide the formed by other its publishmen and the state of the performance of services have been by Cardinal, regardless of vinetifier such claim is based upon any of the above stated reasons or otherwise.	o the amount paid by the client for the analyses. All claid offs, incurred by client, its subsidiaries, upon any of the above stated reasons or otherwise.	ms including those for negligence and any other cause whatsoever	FLAZAR ROTE: Libelly and Damagno, Carlians's basing and described souther mersely for any claim asking present souther for monitor or not, that its immade to be an advanced by Carlind within 30 days after completion control in the basin to reclaim a compared and many other cause whatever shall be described within 30 days after completion were required to be about the reclaim as to reclaim as to compared and many other cause whatever shall be described by Carlind within 30 days after completion for the participation of white and the participation of
Relinquished By:	Date: U. J. Received By:	line in	Verbal Result: ☐ Yes ☐ No Add'I Phy All Results are emailed. Please provide Email address:	Add'I Phone #:
Mosell	MAN O KAN	NUVU		
Bolinquished By:	Date: Received By:	9	REMARKS: Pg	1042
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C Confected Temp. °C Cool Intact Cool Intact	cHECKED BY:	Turnaround Time: Standard A Bacteria (coly) S  Rivah Cool Intact Observed Temp. 'C	Bacteria (any) Sample Condition ed Temp. ·C
		2	Correction Factor -0.5°C	□ Yes□ Yes

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

☐ Yes ☐ Yes ☐ No Corrected Temp. 'C

FORM-006 R 3.2 10/07/21



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: H&R Enterprises		BILL TO		A	ANALYSIS REQUEST
Project Manager: Michael Collier		P.O.#:			
Address:		Company: Cimarex		_	
City:	State: Zip:	Attn: Laci luig			
Phone #:	Fax#:	Address:			
Project #:	Project Owner: Cimarex	City:		_	
Project Name: Scoter 6-31 Fed Com 44H flowline	44H flowline (scot)	State: Zip:		_	
Project Location: Eddy		Phone #:			
Sampler Name: R. BELL		Fax#:			
FOR LAB USE ONLY	MATRIX	PRESERV, SAM	SAMPLING		
Lab I.D.	G)RAB OR (C)OMP.  © CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  SIL  SILUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	BTEX	TPH Chlorides	
TT-3 2'	1 X	x 5	X	X X	
	1		X	X X	
13 TT-3 4'	G  1   X	×	X	×	
PLEASE NOTE: Liability and Damages. Cardinal's liability and clear event shall Cardinal be flabs for incidental or consequental dar efficiales or successors arising out of or related to the performs	FEDURE NOTE: Listility and Damages. Curdinal's lastility and disertif executars makely law of users are updated executar to encounter and which are under the present of chims and by the most of the middle of the completion of the present and its present and curded as label in reciberal of conseptable desirages, including which including which is included as desirages, including the control of the present and control of control of the present and control of control of the present and control of the pres	mount paid by the client for the lianalyzes. All clie curred by client, its subsiditaries, my of the above stated reasons or otherwise.	ms including those for negligence an	d any other couse whatsoes	ver shall be deemed verived unless made in writing and received by Cardinal within 30 days.
Relinquished By:	Time 234 Received By:	ioned	Verbal Result: ☐ Yes ☐ No Add'I Pho All Results are emailed. Please provide Email address:	. Please provide E	Add'l Phone #: Email address:
Reffiquished By:	Received By:		REMARKS:	F	2 20f2
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Sample Condition Corrected Temp. °C Cool Intact	on CHECKED BY:	Turnaround Time: Standard	×	Bacteria (only) Sample Condition ed Tener C

0 No 0 No

Correction Factor -0:5°C

O No O No

Corrected Temp. "C



May 09, 2024

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: SCOTER 6-31 FED COM 44H FLOWLINE (SCOTER)

Enclosed are the results of analyses for samples received by the laboratory on 05/06/24 14:24.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date: 05/06/2024

Reported: 05/09/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Sampling Condition: Cool & Intact Project Number: **NOT GIVEN** Sample Received By: Shalyn Rodriguez

Project Location: CIMAREX - EDDY

### Sample ID: S - 1 6' (H242427-01)

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	05/07/2024	ND	2.06	103	2.00	2.88	
Toluene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.01	100	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	5.92	98.7	6.00	3.56	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 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	208	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 2 1' (H242427-02)

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	05/07/2024	ND	2.06	103	2.00	2.88	
Toluene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.01	100	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	5.92	98.7	6.00	3.56	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 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	32.0	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Cool & Intact Shalyn Rodriguez

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

 05/06/2024
 Sampling Date:
 05/06/2024

 05/09/2024
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

### Sample ID: S - 3 1' (H242427-03)

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	05/07/2024	ND	2.06	103	2.00	2.88	
Toluene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.01	100	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	5.92	98.7	6.00	3.56	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Celey D. Kreine



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

SCOTER 6-31 FED COM 44H FLOWLINE (

mg/kg

Project Name: SCOTER 6-31 F
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 4 1' (H242427-04)

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	05/07/2024	ND	2.06	103	2.00	2.88	
Toluene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.01	100	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	5.92	98.7	6.00	3.56	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Analyzed By: JH

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024

Reported: 05/09/2024
Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (

ma/ka

Project Number: NOT GIVEN
Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 5 1' (H242427-05)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	2.88	
Toluene*	<0.050	0.050	05/07/2024	ND	2.04	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.01	100	2.00	3.21	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	5.92	98.7	6.00	3.56	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

Applyzod By: 14

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Sample Received By:

05/06/2024

Shalyn Rodriguez

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Sampling Date:

Reported: 05/09/2024 Sampling Type: Soil
Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition: Cool & Intact

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

### Sample ID: S - 6 1' (H242427-06)

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*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	QM-07
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	QM-07
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	138	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

ma/ka

Project Name: SCOTER 6-31 F
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 7 1' (H242427-07)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 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	16.0	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

Applyzod By: 14

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05/06/2024

Cool & Intact

Shalyn Rodriguez

Soil

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024 Sampling Type: SCOTER 6-31 FED COM 44H FLOWLINE (Sampling Condition:

Sampling Date:

Sample Received By:

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

### Sample ID: S - 8 1' (H242427-08)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

Sampling Date: 05/06/2024 05/09/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (

ma/ka

Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Shalyn Rodriguez

Project Location: CIMAREX - EDDY

### Sample ID: S - 9 4' (H242427-09)

RTFY 8021R

B1EX 8021B	mg/	9	77.20	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

ma/ka

05/09/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

Project Name: SCOTER 6-31 FEE
Project Number: NOT GIVEN
Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 10 4' (H242427-10)

RTFY 8021R

B1EX 8021B	mg,	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



Cool & Intact

Shalyn Rodriguez

### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

Sampling Date: 05/06/2024 05/09/2024 Sampling Type: Soil

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (

mg/kg

Sampling Condition: Project Number: NOT GIVEN Sample Received By:

Project Location: CIMAREX - EDDY

### Sample ID: S - 11 4' (H242427-11)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 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	176	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

mg/kg

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: S - 12 1' (H242427-12)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 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	32.0	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

Analyzed By: JH

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

mg/kg

Project Name: SCOTER 6-31 F Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 1 6' (H242427-13)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 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	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.7	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

SCOTER 6-31 FED COM 44H FLOWLINE (

Project Location:

Project Name:

NOT GIVEN

Project Number:

CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

Sampling Condition: Sample Received By:

Cool & Intact Shalyn Rodriguez

### Sample ID: SW - 2 6' (H242427-14)

BTEX 8021B	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 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	16.0	16.0	05/08/2024	ND	464	116	400	3.51	
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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024

mg/kg

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE (
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 3 6' (H242427-15)

BTEX 8021B

DILX OUZID	ıııg,	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

Analyzed By: JH

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

SCOTER 6-31 FED COM 44H FLOWLINE (

Project Number: Project Location:

Project Name:

NOT GIVEN

CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 4 6' (H242427-16)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 5 1' (H242427-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 6 1' (H242427-18)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 7 1' (H242427-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

Project Name: SCOTER 6-31 FEE
Project Number: NOT GIVEN
Project Location: CIMAREX - EDDY

ma/ka

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 8 1' (H242427-20)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/08/2024	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	05/07/2024	ND	224	112	200	0.948	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	231	115	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 9 4' (H242427-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

SCOTER 6-31 FED COM 44H FLOWLINE (

Project Number: Project Location:

Project Name:

RTFY 8021R

NOT GIVEN CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 10 4' (H242427-22)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported: 05/09/2024

05/09/2024 SCOTER 6-31 FED COM 44H FLOWLINE (

Project Name: SCOTER 6-31 |
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 11 4' (H242427-23)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

Applyzod By: 14

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY Sampling Date: 05/06/2024

Sampling Type: Soil

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

### Sample ID: SW - 12 4' (H242427-24)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

Project Name: SCOTER 6-31 FED COM 44H FLOWLINE ( Project Number: NOT GIVEN Project Location: CIMAREX - EDDY

Sampling Date: 05/06/2024

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: SW - 13 1' (H242427-25)

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	05/07/2024	ND	1.83	91.5	2.00	1.64	
Toluene*	<0.050	0.050	05/07/2024	ND	2.02	101	2.00	2.19	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.27	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	7.03	117	6.00	3.14	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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### Analytical Results For:

H & R ENTERPRISES MICHAEL COLLIER 1010 GAMBLIN ROAD HOBBS NM, 88240 Fax To: NONE

Received: 05/06/2024 Reported:

05/09/2024

SCOTER 6-31 FED COM 44H FLOWLINE (

Project Number: Project Location:

Project Name:

RTFY 8021R

NOT GIVEN CIMAREX - EDDY

Sampling Date: Sampling Type: 05/06/2024 Soil

Sampling Condition: Sample Received By: Cool & Intact

Shalyn Rodriguez

### Sample ID: SW - 14 1' (H242427-26)

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	05/07/2024	ND	2.04	102	2.00	0.955	
Toluene*	<0.050	0.050	05/07/2024	ND	2.10	105	2.00	1.58	
Ethylbenzene*	<0.050	0.050	05/07/2024	ND	2.06	103	2.00	1.99	
Total Xylenes*	<0.150	0.150	05/07/2024	ND	6.33	106	6.00	1.28	
Total BTEX	<0.300	0.300	05/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2024	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	05/07/2024	ND	211	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	05/07/2024	ND	195	97.7	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	05/07/2024	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.1	% 49.1-14	8						

Applyzod By: 14

### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

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

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: H&R Enterprises	es	BILL TO	A	ANALYSIS REQUEST
Project Manager: Michael Collier		P.O.#:		
Address:		Company: Cimarex		
City;	State: Zip:	Attn: Laci luig	_	
Phone #:	Fax #:	Address:		
Project#:	Project Owner: Cimarex	City:	_	
Project Name: Scoter 6-31 Fed Com 44H flowline	om 44H flowline (scoter)	State: Zip:	_	
Project Location: Eddy		#	_	
Sampler Name: R. BELL		Fav it:		
FOR LAB LISE ONLY		Fax 排:		
Lab I.D.	MATRIX	PRESERV. SAMPLING		
	ERS	12x 1		
a-calco-la	G)RAB O CONTAI ROUNDW WASTEWA OIL LUDGE	THER: CID/BASE EE / COOI THER:	TEX PH	
S-1 6'	G W S	A IC	В	
	-	X 2/6/6/		
S-3 1'	-	×	< >	
94 1	-	×	x x x x	
5 8-5 1'	-	X	× >	
() S-6 1'	-	X	+	
	1	X	×	
S-8	C 1 X	X	X	
4	-	X	Х	
N-10 4:    S-10 4:	C 1 X X X  ALAGE NOTICE Lickally wed Commungs. Contact with substance in contact or trust shall be removed pread by the contact or trust shall be removed pread by the contact or trust shall be removed pread by the sales of the contact or trust shall be removed pread by the sales of the service of the contact or trust shall be removed pread by the sales of the service of the contact or trust shall be removed pread by the sales of the service of the contact of the	alyses. All claims	housing those for negligence and any other cause whateversor	r shall be deemed valied unless made in writing and received by Centinal within 30 days after comp
Relinguished By:	Page JU Received By:		Verbal Result: ☐ Yes ☐ No All Results are emailed. Please provide Emu	
Belinquished By:	Date: Received By:	REMARKS	3-Day	by 1043 Fer customer
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. 'C Corrected Temp. 'C Cool intact  Corrected Temp. 'C Cool intact  Cool intact  Cool intact  Cool intact  Cool intact  Cool intact	OHECKED BY:	Transound Tree: SUBSTATE Bectiful joby) San	2 1



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: Lab I.D. Project Name: Scoter 6-31 Fed Com 44H flowline Sampler Name: R. BELL Project Location: Eddy roject #: Company Name: Project Manager: Michael Collier ddress: Juished By: etricino FORM-006 R 3.2 10/07/21 SW-6 SW-7 1 SW-2 6' S-12 SW-5 1' SW-4 6' SW-3 6' '6 I-WS S-11 4' **H&R Enterprises** 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Observed Temp. °C Corrected Temp. °C Fax #: Time; 424 Received By: State: Project Owner: Cimarex (scoter) Received By (G)RAB OR (C)OMP. Zip: # CONTAINERS Sample Condition
Cool Intact

Pris Dan

No No GROUNDWATER WASTEWATER MATRIX SLUDGE OTHER: Fax #: State: Phone #: City: P.O. #: Address: Attn: Laci luig Company: Cimarex ACID/BASE PRESERV. CHECKED BY: XXXXXX OTHER BILL TO 2 Ca Zip: DATE SAMPLING All Results are TIME ction Factor 4.5°C Cool leact (7-Day × × × × × × BTEX Yes ☐ No Add'I Phone #: × TPH ×× Chlorides \*SAMPLE PS ANALYSIS REQUEST 30+3 O No O No customer. Shadiquel Corrected Temp. \*C date change 5.0.0



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		DITT 10			ANALYSIS REQUEST
Project Manager: Michael Collier	ollier	P.O.#:			
Address;		Company: Cimarex	_		
Dhone #	State: Zip:	Attn: Laci luig	_		
Prione #:	Fax#:	Address:	_		
Project#;	Project Owner: Cimarex	City:	_		
Project Name: Scoter 6-31 Fed Com 44H flowline	ed Com 44H flowline (scoter)	State: Zip:	_		
Project Location: Eddy		Phone #:	_		
Sampler Name: R. BELL		Fax#:			
OR LAB LIBE CHEY	AIGLAM	enov.	_		
Lab I.D.	P.	PRESERV. SAMPLING			
	WATER			es	
WATEN	G)RAB CONTA	THER: CID/BAS EE/COO THER:	TEX	PH hlorid	
21 SW-9 4"	C 1	0 A	+	1	
SW-10 4'	C 1		V	+	
SW-11 4'	C 1	X	+	+	
SW-12	C 1	×	XX	X	
	C 1 X	X	+	+	
SW-14 1'	C 1 X	х	+	+	
NUSASE NOTE: Liability and Damages. Cardinal's (ability veneral shall Cardinal be (labbe for incidental or iconsequal infiliates or successors arising out of or raided to the p	PLEASE HOTE: Liability and Demayor, Curdina's liability and client's exclusive remonly for any claim unioning uniquity based in contract or tot, shall be instelled to the remount paid by the sized for the employee. All or	1	including those for negligence and any other cause		whatsoner what he deemed writed unless made in surfary and received by Carathall within 30 days about
Relinquished By:	Time: / UZU Received By:	Verbal Result: ☐ Yes All Results age efficient.	e emailed Pi	No Ricase provide Email	Add'l Phone #:
Reunquished By:	Date: Received By:	REMARKS:	3-0	1	Dog of 3 per oustone
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. 'C Corrected Temp. 'C Cool Intact Cool	CHECKED BY: Transvend Tree: Standard (Initigals)  (Initigals)  Thermomentum Experts a Service Asservance (Initigals)	1 2	Bacteria (poly) Sam Observed Temp. "G	Williamph Couldina

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

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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 366506

### **QUESTIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406128105
Incident Name	NAPP2406128105 SCOTER 6-41 FEDERAL COM 44H FLOWLINE @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Scoter 6-41 Federal Com 44H Flowline
Date Release Discovered	02/29/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Crude Oil   Released: 2 BBL   Recovered: 1 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 13 BBL   Recovered: 7 BBL   Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The buried flowline was found releasing fluid along the ROW and into the pasture. The well was immediately shut in and a vac truck dispatched to recover standing fluids. A total of 15 barrels of fluid was released with 8 barrels of fluid recovered along the spill path. The cause of the release is still under investigation. The site is currently being assessed and remediation will take place in the coming weeks. Released: 15 barrels of fluid (2 barrels oil + 13 barrels water) Recovered: 8 barrels of fluid Cause of Spill: Hole in the 90 of carbon steel flowline.

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

QUESTIONS, Page 2

Action 366506

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	Fe, NM	1 87505
QUESTIONS (continued)		
Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706		OGRID:
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, accord	ing 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.	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 s	afety hazard tha	at would result in injury.
The source of the release has been stopped	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 answere	d.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediactions to date in the follow-up C-141 submission. If remedial efforts have been successfully complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ed or if the relea	ase occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my keep to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which mandequately inv	ay endanger public health or the environment. The acceptance of a C-141 report by restigate and remediate contamination that pose a threat to groundwater, surface

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

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## **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 366506

**QUESTIONS** (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	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 26 and 50 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Between 1 and 5 (mi.)	
A wetland	Between ½ and 1 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Between ½ and 1 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

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.		
Yes		
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
d Yes		
No		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
92800		
21140		
16100		
0		
0		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
05/04/2024		
05/06/2024		
05/06/2024		
2250		
368		
ed 2250		
368		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
,		

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

District I

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

QUESTIONS, Page 4

Action 366506

**QUESTIONS** (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement

Name: Laci Luig Title: ES&H Specialist

Email: DL\_PermianEnvironmental@coterra.com

Date: 07/23/2024

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

QUESTIONS, Page 5

Action 366506

**QUESTIONS** (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	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

District I

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

QUESTIONS, Page 6

Action 366506

QUESTIONS	(continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	339823
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2024
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	5200

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	2250	
What was the total volume (cubic yards) remediated	368	
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	2250	
What was the total volume (in cubic yards) reclaimed	368	
Summarize any additional remediation activities not included by answers (above)	Dug and hauled material from the site to Lea Land Disposal. All contamination removed from the site, had to excavate to depths between 1 and 6' bgs. Backfilled with clean topsoil and then reseeded with appropriate seed mix per BLM and grazing tenant request.	

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

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: ES&H Specialist
Email: DL\_PermianEnvironmental@coterra.com
Date: 07/23/2024

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Requesting a reclamation approval with this submission

What was the total reclamation surface area (in square feet) for this site

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

QUESTIONS, Page 7

Action 366506

QUESTIONS (continued)

QOESTIONS (CONTINUES)		
Operator:	OGRID:	
CIMAREX ENERGY CO.	215099	
6001 Deauville Blvd	Action Number:	
Midland, TX 79706	366506	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		

What was the total volume of replacement material (in cubic yards) for this site 368

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 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 the site whichever is creater.

2250

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	
On what (estimated) date will (or was) the reseeding commence(d)	05/07/2024	
Summarize any additional reclamation activities not included by answers (above)	Dug and hauled material from the site to Lea Land Disposal. All contamination removed from the site, had to excavate to depths between 1 and 6' bgs. Backfilled with clean topsoil and then reseeded with appropriate seed mix per BLM and grazing tenant request.	

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.

Name: Laci Luig
Title: ES&H Specialist
Email: DL\_PermianEnvironmental@coterra.com
Date: 07/23/2024

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

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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 8

Action 366506

**QUESTIONS** (continued)

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	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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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 366506

### **CONDITIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	366506
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

### CONDITIONS

Created B	$^{\prime}$	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2406128105 SCOTER 6-41 FEDERAL COM 44H FLOWLINE, thank you. This Remediation Closure Report is approved.	8/12/2024