

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

Site Assessment and Closure Report

Vaca Draw 20-17 1H-4H CTB Inicident #nAPP2302469132 Lea County, New Mexico

Prepared For:

Cimarex Energy Co. 600 Marienfeld St. Midland, TX 79701

Prepared By:

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

March 16, 2023

Mrs. Jennifer Nobui **NMOCD** 1220 S. St. Francis Drive Santa Fe, NM 87505

Subject: Site Assessment and Closure Report

Vaca Draw 20-17 1H-4H CTB

Lea County, NM

Dear Mrs. Nobui,

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

Site Information

The Vaca Draw 20-17 Federal 1H-4H facility is located approximately 24 miles Southwest of Jal, New Mexico. The legal location for this release is Unit Letter M, Section 20, Township 25 South and Range 33 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.11182 North and -103.59950 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 Pyote soils and Dune land, 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 not 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 280-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 280 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

Due to groundwater data being beyond the 0.5-mile distance, an exploratory water bore was drilled on the Vaca Draw 20-17 Federal #012H well pad 0.3 miles to the southeast, to a total depth of 55-feet BGS. See Exploratory Water Bore Map in Appendix II. Since no groundwater was encountered, the closure criteria for this site are as follows:

Table I									
Closure Criteria for Soils Impacted by a Release									
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/I TDS	Constituent	Method*	Limit**						
<u><</u> 50 feet	Chloride **	EPA 300.0 or SM4500 CIB	10,000 mg/kg						
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg						
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg						
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg						
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg						

Incident Description

On January 23, 2023, the lease operator discovered water spraying out of the water transfer pump. The transfer pump coupling separated from the pump and motor, causing chunks of material to throw off the guard off around the coupling. A tee nipple valve on top of the pump was either struck by debris or vibrated loose and snapped off. This allowed a total of 97 barrels (bbls) of produced water to be released into the containment and onto the facility pad. All fluids remained on the pad. A total of 80 bbls of water were recovered from the containment and facility pad.

Site Assessment Activities

H&R mobilized personnel to begin site assessment and sampling activities of the impacted area. Grab samples were obtained by way of hand auger. Collected samples were transported to Cardinal Laboratories for analysis, the results of that analysis are presented in the following data table. Site assessment sampling locations are illustrated on Site Assessment Map #1, Appendix I. Photographs of the location are attached in Appendix IV. Complete laboratory reports can be found in Appendix V.

H&R Enterprises, LLC (575) 909-0326 / (575) 605-3471

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Table 1: Initial Soil Samples 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 Tab	le 1 Closure Crit NMAC	eria 19.15.29	50 mg/kg	10 mg/kg	1000 mg/kg		2500 mg/kg	2500 mg/kg	10,000 mg/kg
		0-0.5'	ND	ND	ND	ND	ND	0	5840
S-1	2/15/2023	1'	ND	ND	ND	ND	ND	0	3920
		2'	ND	ND	ND	ND	ND	0	2240
		0-0.5'	ND	ND	ND	ND	ND	0	7520
S-2	2/15/2023	1'	ND	ND	ND	ND	ND	0	3600
		2'	ND	ND	ND	ND	ND	0	3680
		0-0.5'	ND	ND	ND	ND	ND	0	7360
S-3	2/15/2023	1'	ND	ND	ND	ND	ND	0	64
		2'	ND	ND	ND	ND	ND	0	96
		0-0.5'	ND	ND	ND	ND	ND	0	5200
S-4	2/15/2023	1'	ND	ND	ND	ND	ND	0	1220
		2'	ND	ND	ND	ND	ND	0	208
		0-0.5'	ND	ND	ND	ND	ND	0	1840
S-5	2/15/2023	1'	ND	ND	ND	ND	ND	0	64
		2'	ND	ND	ND	ND	ND	0	80
		0-0.5'	ND	ND	ND	ND	ND	0	4160
S-6	2/15/2023	1'	ND	ND	ND	ND	ND	0	80
		2'	ND	ND	ND	ND	ND	0	32
		0-0.5'	ND	ND	ND	ND	ND	0	1340
S-7	2/15/2023	1'	ND	ND	ND	ND	ND	0	272
		2'	ND	ND	ND	ND	ND	0	144
		0-0.5'	ND	ND	ND	ND	ND	0	3040
S-8	2/15/2023	1'	ND	ND	ND	ND	ND	0	112
		2'	ND	ND	ND	ND	ND	0	160
H-1	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	128
<u></u>	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	6080
H-2	3/3/2023	1'	ND	ND	ND	ND	ND	0	368
H-3	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	352
11.4	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	1020
H-4	3/3/2023	1'	ND	ND	ND	ND	ND	0	272
шг	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	1260
H-5	3/3/2023	1'	ND	ND	ND	ND	ND	0	304
H-6	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	32
	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	4760
H-7	3/3/2023	1'	ND	ND	ND	ND	ND	0	400
H-8	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	48
H-9	2/15/2023	0-0.5'	ND	ND	ND	ND	ND	0	48

ND = Analyte Not Detected H = Horizontal Sample S = Vertical Sample

Based on the results of our initial site assessment results, it was determined that the area near sample points H-2, 4, 5, and 7 were not under the chloride limits allowed for horizontal delineation. To achieve horizontal delineation, we moved out approximately 5-8 feet further and collected new samples. The results of which can be found in the following data table. Secondary sample locations can be found on Site Assessment Map #2 in Appendix I. Complete laboratory reports are attached in Appendix V.

Table 2: Confirmation Soil Sample 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 Tabl	le 1 Closure Crit NMAC	teria 19.15. 2 9	50 mg/kg	10 mg/kg		100 mg/kg		100 mg/kg	600 mg/kg	
H-2A	3/3/2023	0-0.5'	ND	ND	ND	ND	ND	0	240	
H-4A	3/3/2023	0-0.5'	ND	ND	ND	ND	ND	0	128	
H-5A	3/3/2023	0-0.5'	ND	ND	ND	ND	ND	0	96	
H-7A	3/3/2023	0-0.5'	ND	ND	ND	ND	ND	0	96	
	ND = Analyte Not Detected H = Horizontal Sample									

Closure

Based on the site assessment 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

Environmental Project Manager

Attachments:

Appendix I Site Maps

Appendix II Soil Survey, Groundwater Data, Water Bore Map, Soil Bore Log, FEMA Map

Appendix III Initial and Final C-141

Appendix IV Photographic Documentation

Appendix V Laboratory Reports

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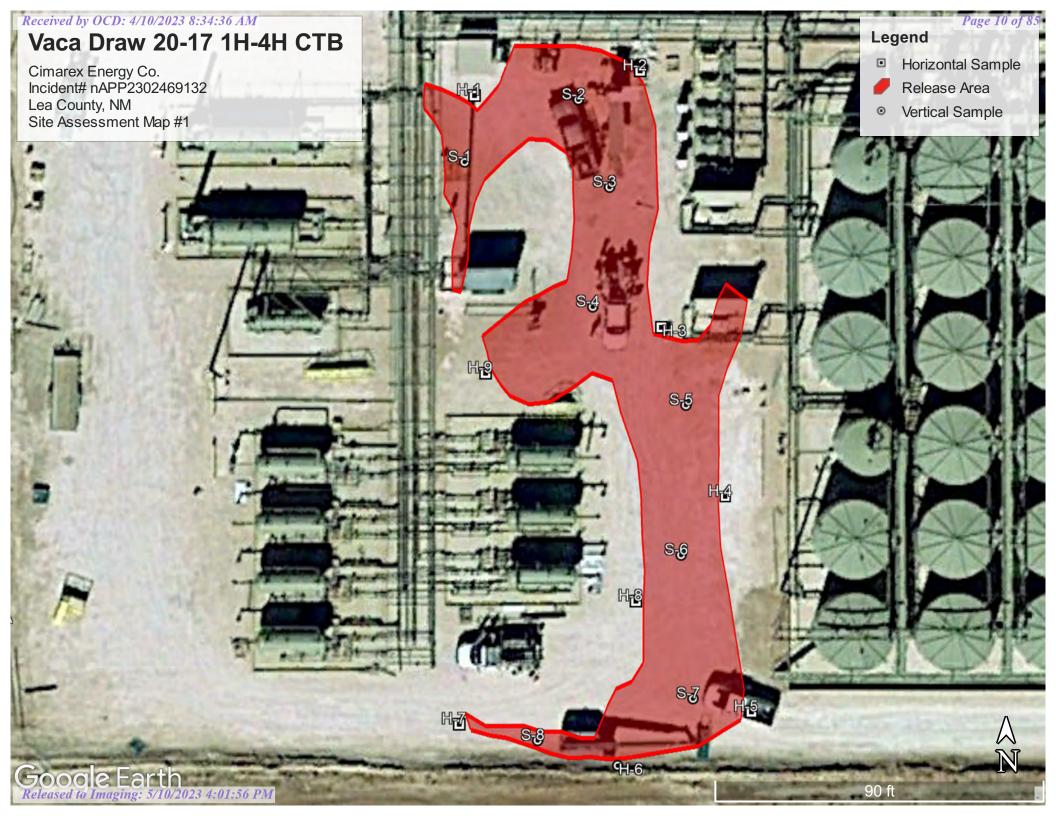
APPENDIX I

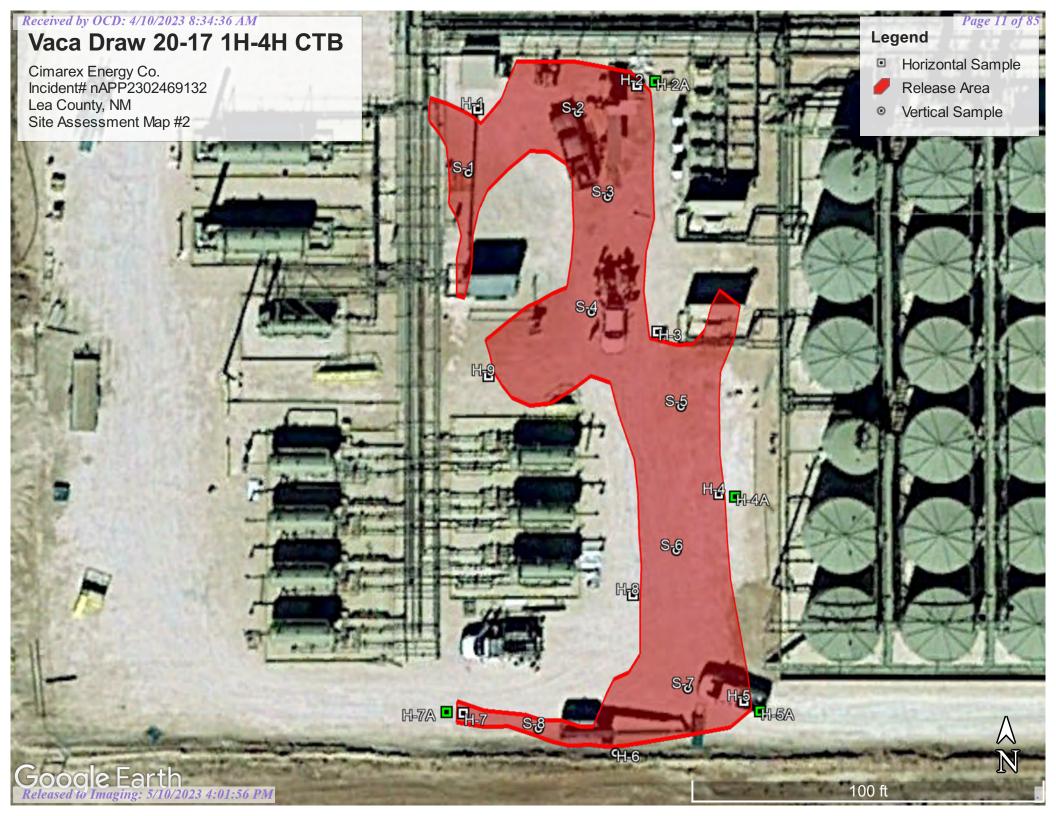
SITE MAPS

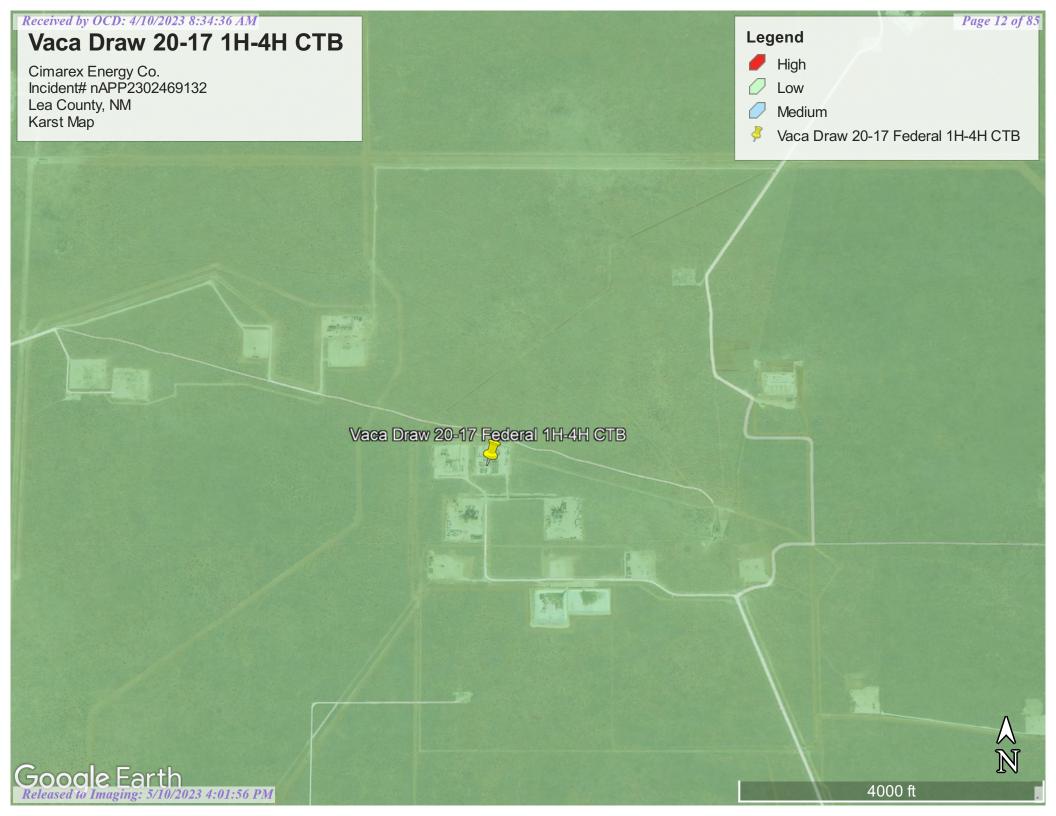
KARST MAP

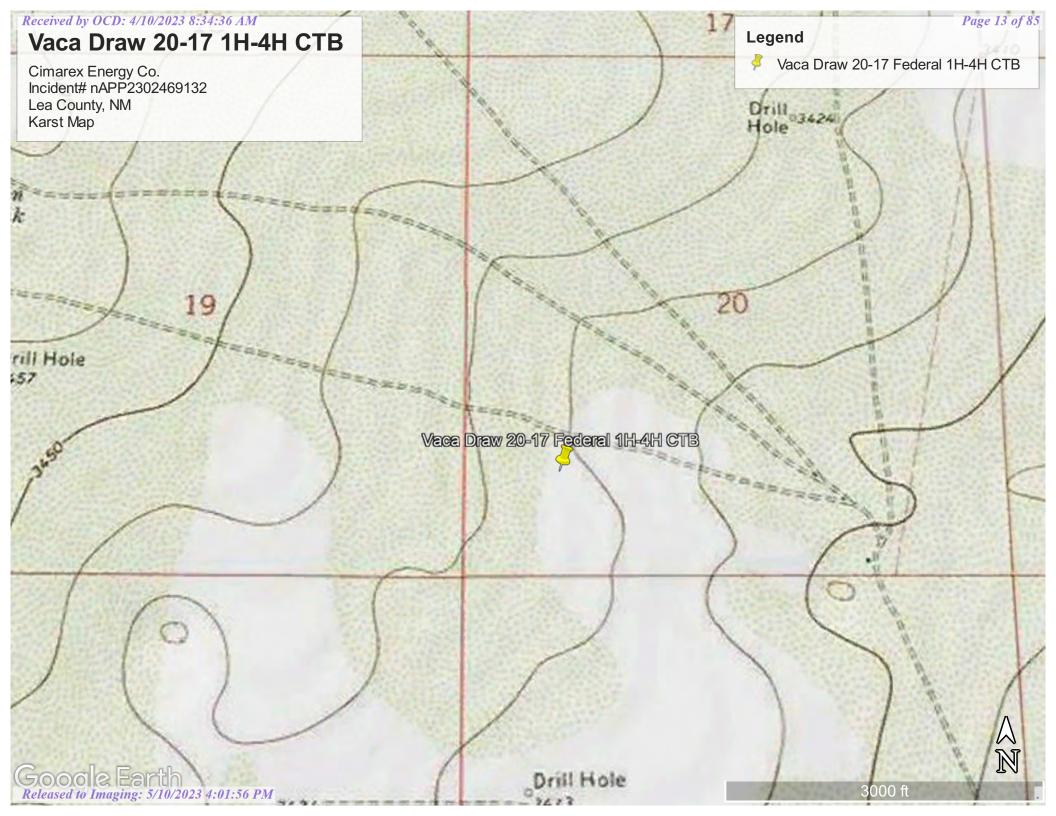
TOPOGRAPHIC MAP

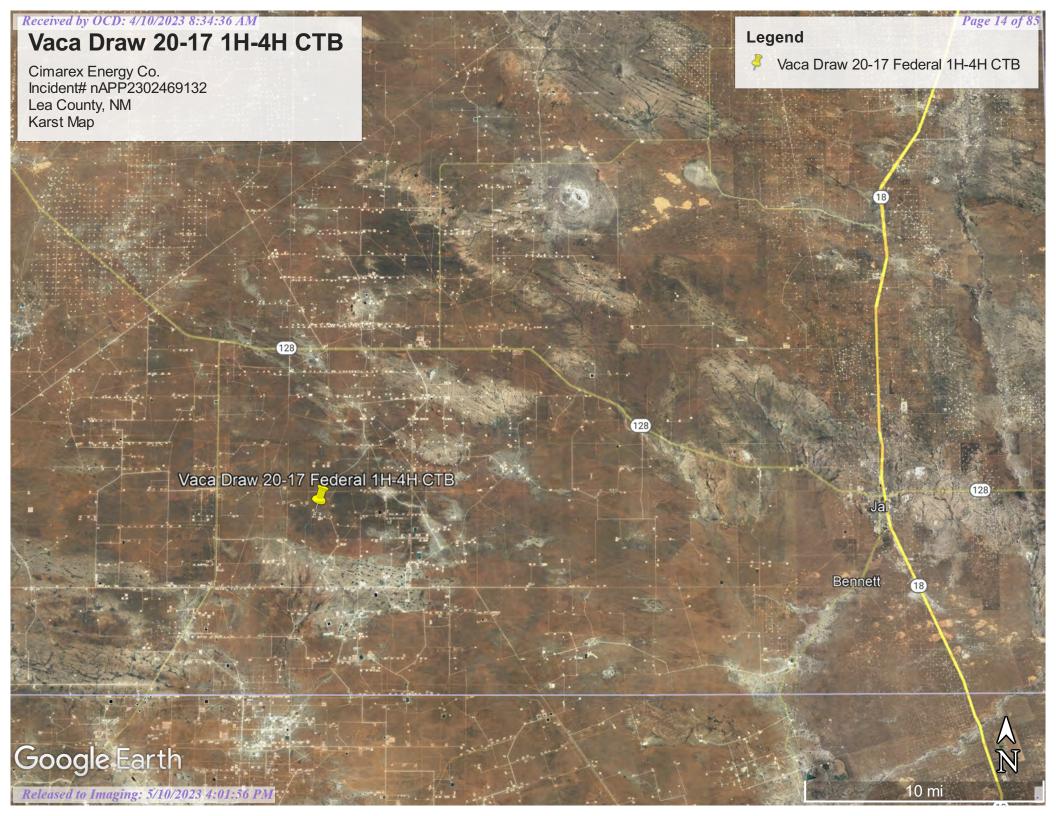
LOCATOR MAP











APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE

WATER BORE MAP

SOIL BORE LOG



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

		POD Sub-		Q	Q ()								V	Vater
POD Number	Code	basin	County	64	16 4	i Se	ec T	Γws	Rng	X	Y	DistanceDep	thWellDep	thWater Co	olumn
C 04627 POD1		CUB	LE	3	3 4	1 0	8 2	25S	33E	632665	3556725	3071			
C 04537 POD1		C	LE	4	4 4	4 3	1 2	25S	33E	631847	3550243	3472	500	280	220

Average Depth to Water:

280 feet

Minimum Depth:

280 feet

Maximum Depth:

280 feet

Record Count: 2

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

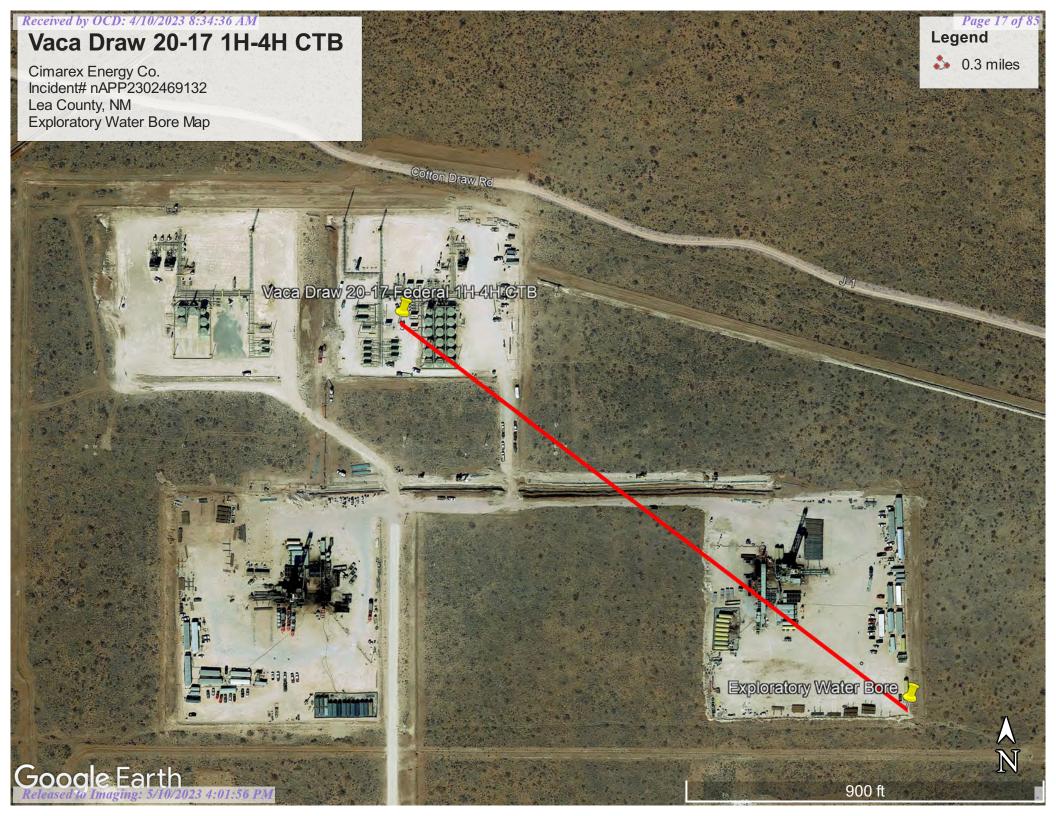
Easting (X): 632100.2 Northing (Y): 3553706.19 Radius: 5000

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.

3/16/23 8:30 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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SOIL BORE LOG							
Project:	Vaca Draw 20-17 Federal #012 H	Date:	September 21, 2022				
Type:	Exploratory Water Bore	Location:	Vaca Draw 20-17 Fed #12H				

Depth	Soil Type	Classification	Comments
0-5′	Caliche	N/A	
5-10′	Fine Red Sand	N/A	
10-15′	Fine Red Sand	N/A	
15-20′	Fine Red Sand	N/A	
20-25′	Caliche	N/A	
25-30′	Caliche	N/A	
30-35′	Caliche	N/A	
35-40′	Caliche	N/A	
40-45′	Caliche	N/A	
45-50′	Caliche	N/A	
50-55′	Caliche	N/A	
Total Depth 55'			No groundwater 9/21/2022 No groundwater 9/26/2022
		Coordinates:	(32.10904, -103.59569)

Lea County, New Mexico

PY—Pyote soils and Dune land

Map Unit Setting

National map unit symbol: dmqr Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Pyote

Setting

Landform: Depressions

Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope

Down-slope shape: Concave Across-slope shape: Concave

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

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

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dunes

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Linear, convex Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 6 inches: fine sand C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Maljamar, fine sand

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

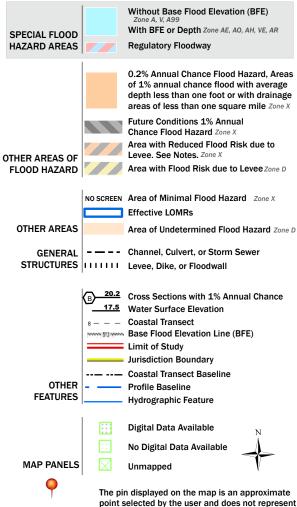
Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/16/2023 at 10:50 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.

an authoritative property location.

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.



APPENDIX III

AND FINAL C-141

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2302469132
District RP	
Facility ID	fAPP2202685728
Application ID	

Release Notification

Responsible Party

			Nes	phonsi	ible Falty	y		
Responsible Party: Cimarex Energy Co.				OGRID: 2	15099			
Contact Nam	e: Laci Luig	g			Contact Telephone: (432) 571-7800			
Contact emai	l: laci.luig@	coterra.com			Incident #	(assigned by OCD) nAPP2302469132		
Contact mails Midland, TX		600 N Marienfel	d Street, Ste. 600)				
			Location	n of R	Release So	ource		
Latitude 32.1	1182		(NAD 83 in a	decimal de	Longitude -	-103.59950		
Site Name: Va	aca Draw 20	0-17 Federal 1H-4	ŀΗ		Site Type:	Battery		
Date Release	Discovered	: 1/23/2023			API# (if app	licable)		
Unit Letter	Section	Township	Range		Coun	aty		
M	20	25S	33E	Lea				
Crude Oil		l(s) Released (Select a				justification for the volumes provided below) Volume Recovered (bbls)		
						` ´		
Produced	water	Volume Release				Volume Recovered (bbls) 80		
		Is the concentrate produced water	tion of dissolved >10.000 mg/l?	chlorid	e in the	Yes No		
Condensa	te	Volume Release				Volume Recovered (bbls)		
☐ Natural G	as	Volume Release	ed (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)			
Cause of Rele				_				
						er transfer pump. The transfer pump coupling separated und the coupling. A tee nipple valve on top of the pump		
						tal of 97 barrels to be released from the pump into		
containment and on to the facility pad. All fluids remained on the pad. A vac truck recovered a total of 80 barrels from containment								
and the pad. Investigation into the coupling failure is still underway. The containment will be washed and impacted material will be								
scheduled for remediation in the coming weeks. Spilled: 97 barrels water (8 barrels inside containment + 89 barrels on well pad)								
Recovered: 80 barrels (8 barrels inside containment + 72 barrels from well pa								

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Incident ID nAPP2302469132
District RP
Facility ID fAPP2202685728
Application ID

Was this a major release as defined by	If YES, for what reason(s) does the re Total amount released greater than 25	esponsible party consider this a major release?
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
If VEC was immediate n	otice given to the OCD? By whom? T	o whom? When and by what means (phone, email, etc)?
By: Laci Luig	ouce given to the OCD? By whom? To	o whom? when and by what means (phone, email, etc)?
To: OCD Enviro, BLM By: Email		
by. Eman		
	Initial	Response
The responsible p	party must undertake the following actions immed	diately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health	and the environment.
Released materials ha	ave been contained via the use of berms	or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed	d and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, expl	ain why:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commen	ace remediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remed	dial efforts have been successfully completed or if the release occurred C), please attach all information needed for closure evaluation.
		the best of my knowledge and understand that pursuant to OCD rules and
		notifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a	threat to groundwater, surface water, human health or the environment. In or of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	r a C-141 report does not reneve the operate	of responsibility for compliance with any other rederal, state, or rocal laws
Printed Name: Laci Luig_		Title: ESH Specialist
Signature:	(· \doc_	_ Date: 1/24/2023
email: laci.luig@coterra.c	com	Telephone: (432) 208-3035
OCD Only		
Received by:Jo	celyn Harimon	Date: 04/10/2023
		

te of New Mexico

Incident ID nAPP2302469132

Incident ID	nAPP2302469132
District RP	
Facility ID	fAPP2202685728
Application ID	

Site Assessment/Characterization

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

Did this release impact groundwater or surface water? Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release							
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>55</u> (ft bgs)					
watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water outcress and significant watercourses within ½-mile of the lateral extents of the release	Did this release impact groundwater or surface water?	☐ Yes ⊠ No					
ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Yes attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Depth to water sources and significant watercourses within ½-mile of the lateral extents of the release	, , ,	☐ Yes ⊠ No					
or church? Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		☐ Yes ⊠ No					
by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		☐ Yes ⊠ No					
Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		☐ Yes ⊠ No					
water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No					
Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		☐ Yes ⊠ No					
Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No					
Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No					
Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No					
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extent contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No					
Characterization Report Checklist: Each of the following items must be included in the report. Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ⅓-mile of the lateral extents of the release	Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No					
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ☐ Field data ☐ Data table of soil contaminant concentration data ☐ Depth to water determination ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release 	Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soi contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.						
 ☐ Field data ☐ Data table of soil contaminant concentration data ☐ Depth to water determination ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release 	Characterization Report Checklist: Each of the following items must be included in the report.						
☐ Topographic/Aerial maps ☐ Laboratory data including chain of custody	Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps	s.					

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

Received by OCD: 4/10/2023 8:34:36 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page	<i>26</i>	of	85

Incident ID	nAPP2302469132
District RP	
Facility ID	fAPP2202685728
Application ID	

	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Laci Luig	Title: ESH Specialist
Signature:email: laci.luig@coterra.com	Date: 4/10/2023 Telephone: (432) 208-3035
OCD Only	
Received by: Jocelyn Harimon	Date: 04/10/2023

Page 27 of 85

Incident ID	nAPP2302469132
District RP	
Facility ID	fAPP2202685728
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in
Printed Name: Laci Luig	Title: ESH Specialist
Signature: Q Q C	Date: 4/10/2023
email: laci.luig@coterra.com	Telephone: (432) 208-3035
OCD Only	
Received by:	Date:04/10/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date: _05/10/2023
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

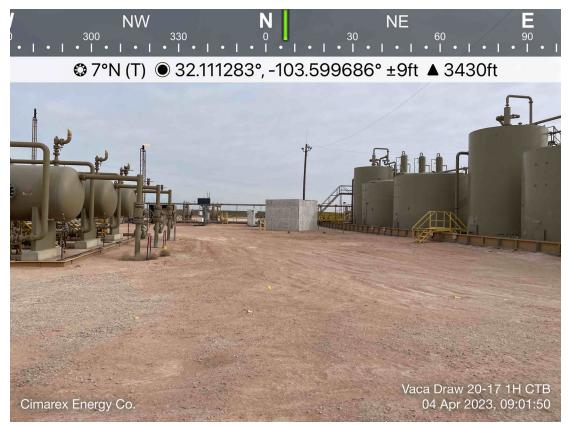
INITIAL SPILL

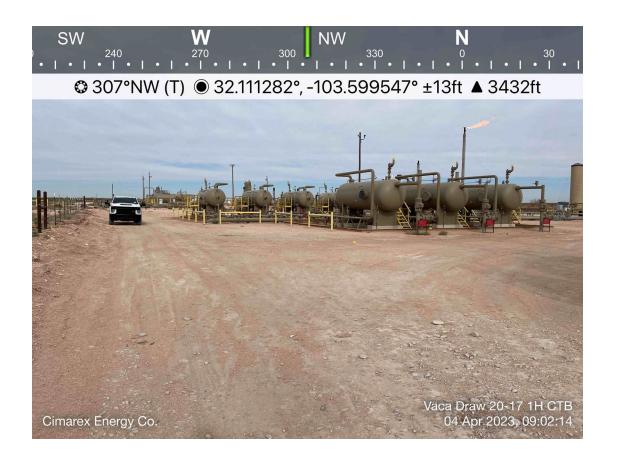




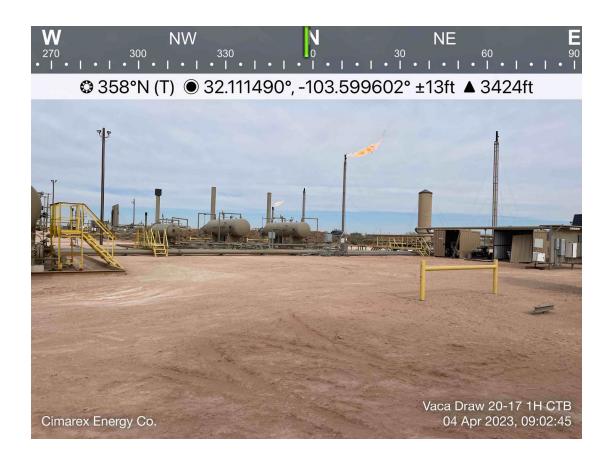




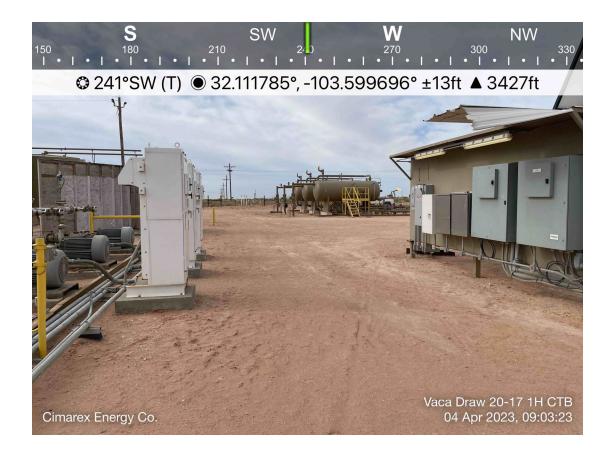












APPENDIX V

LABORATORY REPORTS



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

February 21, 2023

MICHAEL COLLIER H & R ENTERPRISES 1010 GAMBLIN ROAD

HOBBS, NM 88240

RE: VACA DRAW 20-17 FED 1H - 4H CTB (VD)

Enclosed are the results of analyses for samples received by the laboratory on 02/15/23 10:41.

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

Cardinal Laboratories is 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. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2023 Reported:

02/21/2023

Project Name: VACA DRAW 20-17 FED 1H - 4H CTB (VI Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 1 0-6" (H230703-01)

BTEX 8021B Analyte	mg/kg		Analyzed By: JH/						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	5840	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	204	102	200	0.299	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	186	93.0	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

mg/kg

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 1 1' (H230703-02)

Project Name:

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	3920	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	204	102	200	0.299	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	186	93.0	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

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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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 1 2' (H230703-03)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	204	102	200	0.299	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	186	93.0	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	94.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 %	6 49.1-14	8						

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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 2 0-6" (H230703-04)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	0.082	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	7520	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	204	102	200	0.299	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	186	93.0	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 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: 02/15/2023 Reported:

02/21/2023

ma/ka

Project Name: VACA DRAW 20-17 FED 1H - 4H CTB (VI Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 2 1' (H230703-05)

RTFY 8021R

B1EX 8021B	mg	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	3600	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	204	102	200	0.299	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	186	93.0	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 02/15/2023 Reported:

02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number:

NONE GIVEN

CIMAREX - LEA CO NM

Project Location:

Sampling Date:

02/15/2023

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S - 2 2' (H230703-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	3680	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 3 0-6" (H230703-07)

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	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	7360	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

mg/kg

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 3 1' (H230703-08)

Project Name:

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	64.0	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 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: 02/15/2023 Reported:

02/21/2023

Project Name: VACA DRAW 20-17 FED 1H - 4H CTB (VI Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 3 2' (H230703-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	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	96.0	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 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: 02/15/2023 Reported:

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 4 0-6" (H230703-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	5200	16.0	02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

ma/ka

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 4 1' (H230703-11)

Project Name:

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	1220	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 02/15/2023 Reported: 02/21/2023

02/21/2023 S VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

ma/ka

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 4 2' (H230703-12)

Project Name:

RTFY 8021R

B1EX 8021B	mg/	кд	Allalyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	208	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Applyzod By: 1H /

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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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 5 0-6" (H230703-13)

Project Name:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	1840	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

ma/ka

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 5 1' (H230703-14)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	64.0	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Applyzod By: 1H /

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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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 5 2' (H230703-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 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	80.0	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	87.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 %	6 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: 02/15/2023 Reported:

02/21/2023

mg/kg

Project Name: VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 6 0-6" (H230703-16)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	4160	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

Analyzed By: JH/

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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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: VACA DRAW : Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

ma/ka

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 6 1' (H230703-17)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	80.0	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

Applyzod By: 1H /

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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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

ma/ka

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 6 2' (H230703-18)

Project Name:

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Applyzod By: 1H /

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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: 02/15/2023 Reported:

02/21/2023

Project Name: VACA DRAW 20-17 FED 1H - 4H CTB (VI NONE GIVEN Project Number:

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 7 0-6" (H230703-19)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.05	103	2.00	0.311	
Toluene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	1.94	
Ethylbenzene*	< 0.050	0.050	02/19/2023	ND	2.11	105	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.37	106	6.00	2.33	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	1340	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

ma/ka

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 7 1' (H230703-20)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	272	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: 1H /

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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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

ma/ka

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 7 2' (H230703-21)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	144	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

ma/ka

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 8 0-6" (H230703-22)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/ kg	Analyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	3040	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 8 1' (H230703-23)

Project Name:

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

ma/ka

Project Name: VACA DRAW : Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: S - 8 2' (H230703-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	160	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 1 0-6" (H230703-25)

Project Name:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300	0.300	02/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	128	16.0	02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	191	95.3	200	0.382	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	195	97.7	200	0.991	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

mg/kg

Project Name: VACA DRAW 2
Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 2 0-6" (H230703-26)

BTEX 8021B

	9/	9	7	7: 5::.,						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80		
Toluene*	<0.050 0.050		02/19/2023	ND	2.16	108	2.00	5.04		
Ethylbenzene*	<0.050 0.050		02/19/2023	ND	2.14	107	2.00	3.23		
Total Xylenes*	<0.150	0.150	02/19/2023	ND			6.00	3.46		
Total BTEX	<0.300 0.300		02/19/2023 ND							
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	6080 16.0		02/16/2023	ND	400	100	400	3.92		
TPH 8015M	mg/kg		Analyze	ed By: MS						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2		
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4		
EXT DRO >C28-C36	<10.0 10.0		02/16/2023	ND						
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	97.3 % 49.1-148		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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

mg/kg

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 3 0-6" (H230703-27)

Project Name:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80		
Toluene*	<0.050 0.050		02/19/2023	ND	2.16	108	2.00	5.04		
Ethylbenzene*	<0.050 0.050		02/19/2023	ND	2.14	107	2.00	3.23		
Total Xylenes*	<0.150	0.150	02/19/2023	ND			6.00	3.46		
Total BTEX	<0.300 0.300		02/19/2023 ND							
Surrogate: 4-Bromofluorobenzene (PID			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	352 16.0		02/16/2023	ND	400	100	400	3.92		
TPH 8015M	mg/kg		Analyze	ed By: MS						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2		
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4		
EXT DRO >C28-C36	<10.0 10.0		02/16/2023	ND						
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	97.8 % 49.1-148		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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 4 0-6" (H230703-28)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050 0.050		02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300 0.300		02/19/2023 ND						
Surrogate: 4-Bromofluorobenzene (PID	104 % 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	1020 16.0		02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 % 49.1-148		8						

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Analytical Results For:

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

Received: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 5 0-6" (H230703-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300 0.300		02/19/2023 ND						
Surrogate: 4-Bromofluorobenzene (PID			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	1260 16.0		02/16/2023	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4	
EXT DRO >C28-C36	<10.0 10.0		02/16/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1 % 49.1-148		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: 02/15/2023 Reported: 02/21/2023

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

mg/kg

Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 6 0-6" (H230703-30)

Project Name:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80		
Toluene*	<0.050 0.050		02/19/2023	ND	2.16	108	2.00	5.04		
Ethylbenzene*	<0.050 0.050		02/19/2023	ND	2.14	107	2.00	3.23		
Total Xylenes*	<0.150	0.150	02/19/2023	ND			6.00	3.46		
Total BTEX	<0.300 0.300		02/19/2023 ND							
Surrogate: 4-Bromofluorobenzene (PID			4							
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0 16.0		02/16/2023 ND		400	100	400	3.92		
TPH 8015M	mg/kg		Analyze	ed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2		
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4		
EXT DRO >C28-C36	<10.0 10.0		02/16/2023	ND						
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	97.7 % 49.1-148		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: 02/15/2023 Reported:

02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number:

BTEX 8021B

NONE GIVEN

mg/kg

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 7 0-6" (H230703-31)

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80		
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04		
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23		
Total Xylenes*	<0.150	0.150	02/19/2023	ND			6.00	3.46		
Total BTEX	<0.300	0.300	02/19/2023 ND							
Surrogate: 4-Bromofluorobenzene (PID			4							
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC						
Analyte	Result Reporting Limit		Analyzed	Method Blank	ethod Blank BS		True Value QC	RPD	Qualifier	
Chloride	4720 16.0		02/16/2023	ND	432	108	400	0.00	QM-07	
TPH 8015M	mg/kg		Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2		
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4		
EXT DRO >C28-C36	<10.0 10.0		02/16/2023	ND						
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	96.3 % 49.1-148		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: 02/15/2023 Reported: 02/21/2023

VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 8 0-6" (H230703-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND 6.46		108	6.00	3.46	
Total BTEX	<0.300 0.300		02/19/2023 ND						
Surrogate: 4-Bromofluorobenzene (PID			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	48.0 16.0		02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 % 49.1-148		8						

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Analytical Results For:

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

Received: 02/15/2023 Reported:

02/21/2023 VACA DRAW 20-17 FED 1H - 4H CTB (VI

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 02/15/2023

Sampling Type: Soil

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

Sample ID: H - 9 0-6" (H230703-33)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2023	ND	2.17	108	2.00	5.80	
Toluene*	<0.050	0.050	02/19/2023	ND	2.16	108	2.00	5.04	
Ethylbenzene*	<0.050	0.050	02/19/2023	ND	2.14	107	2.00	3.23	
Total Xylenes*	<0.150	0.150	02/19/2023	ND	6.46	108	6.00	3.46	
Total BTEX	<0.300 0.300		02/19/2023 ND						
Surrogate: 4-Bromofluorobenzene (PID			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	48.0 16.0		02/16/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2023	ND	202	101	200	19.2	
DRO >C10-C28*	<10.0	10.0	02/16/2023	ND	193	96.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	02/16/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1 % 49.1-148		8						

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Notes and Definitions

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

QR-04 The RPD for the BS/BSD was outside of historical limits.

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

recovery.

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 & Freene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5/5) 393-232 Company Name: 11 d	1) + (En +0.00) 393-2476 BILL TO	ANALYSIS REQUEST
M.Col	P.O. #	
Address:	Company:	Cimarex Energy
City:	State: Zip: Attn: Laci Luig	
Phone #:	Fax #: Address:	
Project #:	Project Owner: Cimarex City:	
Project Name: Vaca Draw	, 20-17 Fed 14-44 CTB (VD) State: Zip:	
Project Location: Lea Count,	Phone #:	
Sampler Name: R, be 11	Fax #:	
FOR LAB USE ONLY	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH Chloride
18-1 0-6	- X	- X X X
35-1 2		
45-2 0-6	611	
65-2 2		
75-3 0-6		
953 2	# Ashunkatu	
**LEASE NOTE: Liability and Damages, Cardinal's fability nalyses, All claims including those for negligence and ar enrice. In no event shall Cardinal be liable for incidental (hether based in contract or lort, shall be limited to the an niess made in writing and received by Cardinal within 30 , business interruptions, loss of use, or loss of profits inco	paid by the client for the applicable state of the applicable state own plates of the applicable by clent, its subsidiaries,
Relinquished By:	Time: 41	Verbal Result: ☐ Yes ☐ No ☐ Add'I P All Results are emailed. Please provide Ema
Relinquished By:	Date: Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.9 Sample Condition CHECKED BY: Cool Intact (Initials) Corrected Temp. °C 2.3 Pvs 3 vss No No No	Turnaround Time: Standard ABacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C Nc I No Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5/5) 393-2326 FAX (5/5) 393-24/6	93-24/6	
Company Name:	BILL TO	O ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address: (00)	Company:	
City: State:	Zip: Attn:	
Phone #: Fax #:	Address:	
Project #: Project Owner:	Owner: City:	
Project Name: √Ď	State: Zip:	
Project Location:	Phone #:	
Sampler Name:	Fax #:	2
FOR LAB USE ONLY	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX
11 5-4 11	× 1 × × 2/15/23	
12 54 21		
5-5		
155-5 2		
165-6 0-61		
185-6 21		
19 5-70-6"		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive re analyses. All claims including those for negligence and any other cause whatsoev service. In no event shall cardinal be liable for incidental or consequential damages service. In no event shall cardinal be liable for incidental or consequential damages.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the arhount paid by the client for the analyses. It claims including those for negligence and any other cease whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequences, including whort limitation, business interruptions, loss of use, or foss of profits increased by client, its subsidiaries, and the service of the service of services and the service of the services of the above stated uncertainty of the above stated assessor or otherwise.	ni paid by the client for the " " " " " " " " " " " " " " " " " " "
1 2	Received By:	-
Relinquished By: Date:	Received By:	REMARKS: Pg 20f4
	ie u	Standard Kush
Sampler - UPS - Bus - Other: Corrected Temp. °C	Q Yes Pres	Thermometer ID #113

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Delivered By: (Circle One) Sampler - UPS - Bus - Other:) design	Relinguished Ry.	Relinquished By:	TLENGE TO LE: LIBRORY STOLERS SUBJECT. CHARGE SUBJECT STOLERS SUBJECT TO STOLERS SUBJECT TO STOLERS SUBJECT TO STOLERS SUBJECT. STOLERS SUBJECT TO STOLERS SUBJECT TO STOLERS SUBJECT TO STOLERS SUBJECT TO STOLERS SUBJECT. STOLERS SUBJECT TO S	1-H SE	Sit Co	95 H-1 0	8-57	5	5-8	21 5-7	26 5-7	H230703	Lab I.D. Sa	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: (VD)	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:
Observed Temp. °C Corrected Temp. °C	Time:	Time: Off	Date:	curronas saumy and cents excussee termory or any caum aroug whether based in contract or tot, shall be ammed to the amount plad by the cleant for the engligence and any other cause whotsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the a ble for incidential or consequential deamages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, stated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			0-6"	21	71	0-6"	21	7.		Sample I.D.					Project Owner:	Fax #:	State:	ON	1	
Sample Condition Cool Intact Pes Byes	Toronton Dy.	hunkr	Received By:	counts excuseve remony or any cam arasing whether cased in contract or to er cause whatsoever shall be deemed waked unless made in writing and rec- sequental damages, including without limitation, business interruptions, loss on ce of services hereunder by Cardinal, regardless of whether such claim is ba-								×	# CON			F	70	(9)		A	Zip:	0	7	
CHECKED BY: (Initials)	(Markey	11/1	ort, snall be limited to the amount past ceived by Cardinal within 30 days after of use, or loss of profits incurred by cl ased upon arry of the above stated rea								>	ACID/E	BASE:	PRESERV. SAME	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO
Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor J. 8°C	N. Indiana	DEMADKS:	Verbal Result:	Toy the citera for the completion of the applicable lent, its subsidiaries, isons or otherwise.								X	B) C)	PH Inloria	SAMPLING									
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	PS 304 4	O D D	Add'I Phone #:						2															ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 882

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

Company Name:		BILL TO	SISA IVNV	REQUEST
Project Manager:		- 1		
Address:		Company:		
City:	State: Zip:	Attn:		
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:		
Project Name: (V D)		State: Zip:		
Project Location:		Phone #:		
Sampler Name:		Fax #:		_
FOR LAB USE ONLY		PRESERV. SAM	SAMPLING	
	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL COTHER:	BTEX TPH CHloni	
30 4-6 0-6"	-×	_×	- X - X	
"LEASE NOTE: Liability and Damages. Cardinal's liability an analyses. All claims including those for negligence and any o service. In no event shall Cardinal be liable for incidental or or iffiliates or successors arising out of or related to the perform	PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remotely for any cliaim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ct or tort, shall be limited to the amount pakend received by Cardinal within 30 days aften, loss of use, or loss of profits incurred by con is based upon any of the above stated remains beared to the above stated remains and the above stated remai	d by the client for the r completion of the applicable Ident, its subsidiaries, asons or otherwise.	
Relinquished By:	Date: Salar Received By:	1 Mille	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	55.
Refinquished By:	Date: Received By:	Jana J	REMARKS: Pg 40f4	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2, 9 Sample Condition Cool Intact Corrected Temp. °C 2, 3 Yes 1 Yes No No	(Initials)	Turnaround Time: Standard Bacteria (only) Rush Cool Infact Thermometer ID #113 Correction Factor -0.5°C Pes No N	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C Yes Yes No No Corrected Temp. °C



March 08, 2023

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

RE: VACA DRAW 20-17 1H - 4H CTB (VACA)

Enclosed are the results of analyses for samples received by the laboratory on 03/03/23 11:43.

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

Cardinal Laboratories is 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. Keine

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: 03/03/2023 Reported:

03/08/2023

Project Name: VACA DRAW 20-17 1H - 4H CTB (VACA) Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 2 1' (H230982-01)

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	368	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	184	91.9	200	3.78	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	186	92.9	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 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: 03/03/2023 Reported:

03/08/2023 VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 4 1' (H230982-02)

Project Name:

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	184	91.9	200	3.78	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	186	92.9	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 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: 03/03/2023 Reported: 03/08/2023

VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

mg/kg

Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 5 1' (H230982-03)

Project Name:

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	304	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	184	91.9	200	3.78	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	186	92.9	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 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: 03/03/2023 Reported:

03/08/2023 VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 7 1' (H230982-04)

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	400	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	179	89.3	200	0.0263	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	204	102	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 03/03/2023 Reported: 03/08/2023

03/08/2023 Sa VACA DRAW 20-17 1H - 4H CTB (VACA) Sa

Project Name: VACA DRAW : Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 2A 0-0.5' (H230982-05)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	240	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	179	89.3	200	0.0263	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	204	102	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 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: 03/03/2023 Reported: 03/08/2023

VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Name: VACA DRAW : Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM

Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 4A 0-0.5' (H230982-06)

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	179	89.3	200	0.0263	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	204	102	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 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: 03/03/2023 Reported:

03/08/2023 VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 5A 0-0.5' (H230982-07)

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	96.0	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	179	89.3	200	0.0263	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	204	102	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 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: 03/03/2023 Reported: 03/08/2023

VACA DRAW 20-17 1H - 4H CTB (VACA)

Project Name: Project Number: NONE GIVEN

Project Location: CIMAREX - LEA CO NM Sampling Date: 03/03/2023

Sampling Type: Soil

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

Sample ID: H - 7A 0-0.5' (H230982-08)

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	03/03/2023	ND	2.03	102	2.00	4.19	
Toluene*	<0.050	0.050	03/03/2023	ND	2.00	99.8	2.00	4.93	
Ethylbenzene*	< 0.050	0.050	03/03/2023	ND	1.96	98.0	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.99	99.8	6.00	4.61	
Total BTEX	<0.300	0.300	03/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	96.0	16.0	03/06/2023	ND	448	112	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	03/06/2023	ND	179	89.3	200	0.0263	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	204	102	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



1-	ENTERPUSES		BILL TO		A	ANALYSIS REO	RECHEST	
Project Manager: J.J. C	M. COLLER		P.O. #: CIMAREX					1
Address:			Company: LACI WILT					
City:	State: 2	Zip:	Attn:		<u> </u>			
hone #:	Fax #:		Address:					
roject #:	Project Owner:	CIMPLEX	City:		**			
Project Name: UPCA DRAW 20-17	14.4H CEB	(when)	State: Zip:			-		
roject Location: 化角(JAN, PTWIG		#		7	-		-
Sampler Name: M.COULER	UIER'		Fax #:			-		
FOR LAB USE ONLY		MATRIX	SERV.	SAMPLING	·			
Lab I.D.	Sample I.D.	OR (C)OMI AINERS DWATER WATER	ASE:		RIDES			
H30987	(C)PAG	# CON	OTHER ACID/B/ CE / CC OTHER	TPL	BTE			·
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NH 4B								
H-5A					-			
C H. J.R								
ASE NOTE: Liability and Damages, Card	ASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the lyses. All claims including those for precisioning and any other cause whether the client for the	aim arising whether based in contract of	or tort, shall be limited to the amount paid	by the client for the				
ice. In no event shall Cardinal be liable for ates or successors ansing out of or related	ice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by Cleint, its substairies, also or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	out limitation, business interruptions, ic al, regardless of whether such claim is	quental damages, including without imitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reagants or otherwise.	completion of the applicable ent, its subsidiaries, sons or otherwise.				
		Received By:		Verbal Result: ☐ Yo	es □ No Add'	Add'l Phone #:		١
MARKE	1143	STANGE	ner	All Results are emailed. Please provide Email address:	l. Please provide Er	nail address:		
- Indiana	Time:	Received By:	. 0	REMARKS:				
elivered By: (Circle One)	Observed Temp. °Cn	\	CHECKED BY:	Turnaround Time:	Standard X	Bacteria (only) Sa	mple Condition	
mpler - UPS - Bus - Other:	Corrected Temp. °C	No. 11 Yes	Smilleris	Thermometer ID #113		Cool Intact Observed Temp. ☐ Yes ☐ Yes	Observed Temp. °C	
	•		(100 U 11111 U 11111 U 11111				•

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

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

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

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

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

CONDITIONS

Action 205389

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	205389
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Create By	d Condition	Condition Date
jnob	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	5/10/2023