

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

Site Assessment and Closure Report

Federal 13 Com #002 Incident# nJMW1224849818 Eddy County, New Mexico

Prepared For:

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

Prepared By:

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

March 20, 2024

Mr. Mike Bratcher **NMOCD** 1220 S. St. Francis Dr. Santa Fe, NM 87505

Subject: **Site Assessment and Closure Report**

> Federal 13 Com #002 Eddy County, NM

Dear Mr. Bratcher,

Cimarex Energy Co. of Colorado 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 Federal 13 Com #002 is located approximately 18.1 miles South of Hobbs, New Mexico. The legal location for this release is Unit Letter K, Section 13, Township 25 South and Range 26 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.1269608 North and -104.2504272 West. Site plans are presented in Appendix I.

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

Groundwater and Site Characterization

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 44-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 44 Feet/BGS ⊠No Yes Within 300 feet of any continuously flowing watercourse or any other significant watercourse Yes No Within 200 feet of any lakebed, sinkhole, or a playa lake ⊠No Yes Within 300 feet from an occupied permanent residence, school, hospital, institution, or church ⊠No Within 500 feet of a spring or a private, domestic fresh water well Yes used by less than five households for domestic or stock watering purposes ⊠No Yes Within 1000 feet of any freshwater well or spring Yes ⊠No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978 Yes No Within 300 feet of a wetland No Yes Within the area overlying a subsurface mine Yes No Within an unstable area Yes \boxtimes No Within a 100-year floodplain

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

	Table I									
	Closure Criteria for Soil	s 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**							
≤ 50 feet	Chloride **	EPA 300.0 or SM4500 CIB	600 mg/kg							
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 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 October 11, 2010, it was discovered that a fiberglass tank was leaking fluid due to a malfunctioning level controller being stuck. This caused the release of 33 barrels (bbls) of produced water to be released into the lined containment. A total of 30 bbls were recovered.

Site Assessment and Reclamation Activities

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

Table 1: Initial Soil Samples Analysis Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC		50 mg/kg	10 mg/kg	100 mg/kg			100 mg/kg	600 mg/kg	
S-1	8/7/2023	0-0.5'	ND	ND	ND	ND	ND	0	64
S-2	8/7/2023	0-0.5'	ND	ND	ND	ND	ND	0	64
S-3	8/7/2023	0-0.5'	ND	ND	ND	ND	ND	0	48
S-4	8/7/2023	0-0.5'	ND	ND	ND	ND	ND	0	48
S-5	8/7/2023	0-0.5'	ND	ND	ND	ND	ND	0	64

ND = Analyte Not Detected S = Sample Point

Based on the results of our site assessment, we believe the impact was removed during previous remediation and reclamation activities.

Reclamation Activities

- This site was re-ripped and contoured to match the surrounding area due to a previous historical release being remediated.
- This site was re-ripped and contoured to match the surrounding area due to a previous historical release being remediated.
- This site will be inspected bi-annually for proper vegetation growth and any noxious/invasive plant growth. Reseeding will take place as necessary as well as any noxious/invasive plant growth removed, and proper steps taken to prevent any future growth.

6

Closure

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

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

Respectfully submitted,

H&R Enterprises, LLC

Michael Collier

Michael Collier Environmental Project Manager

Attachments:

Appendix I Site Maps

Appendix II Soil Survey, Gro

Appendix II Soil Survey, Groundwater Data

Appendix III NMOCD Correspondence

Appendix IV Photographic Documentation

Appendix V Laboratory Reports

APPENDIX I

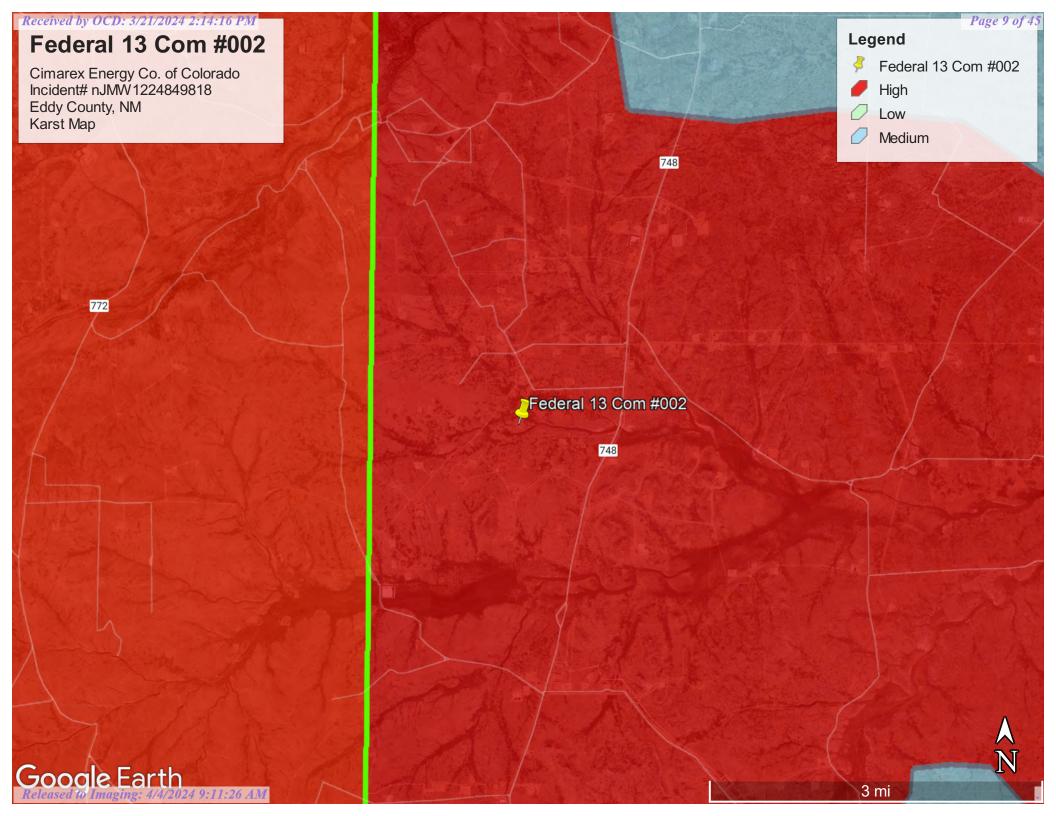
SITE MAPS

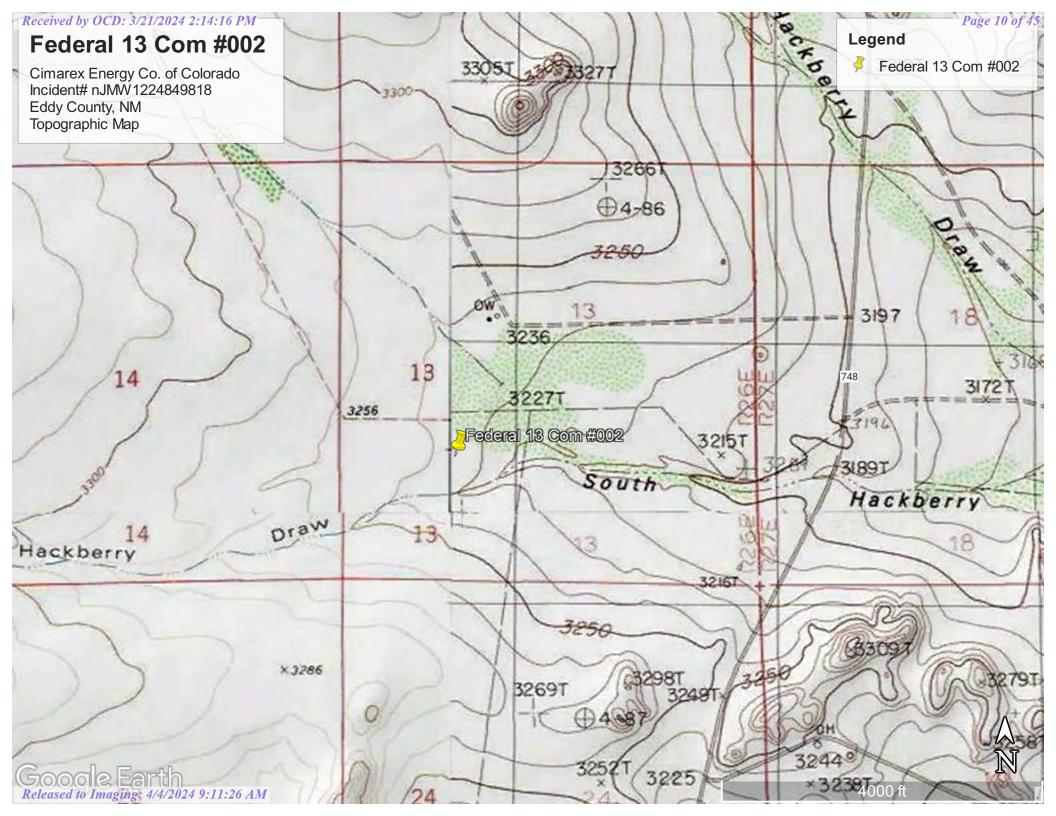
KARST MAP

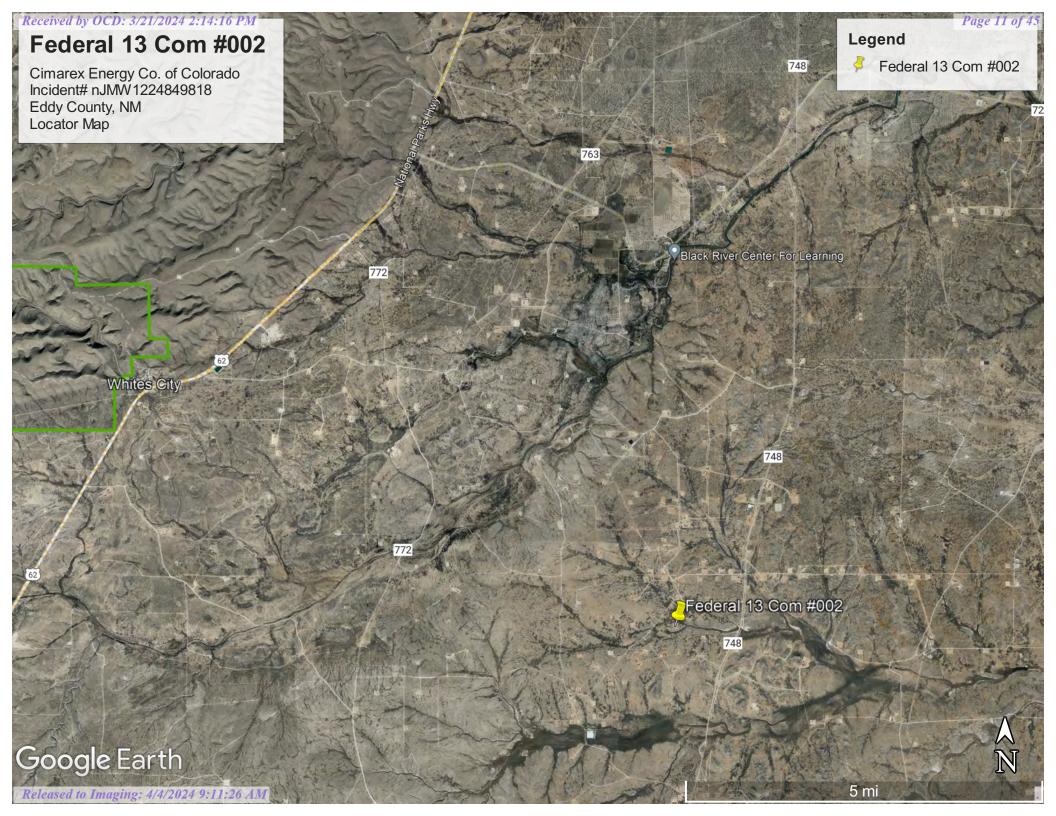
TOPOGRAPHIC MAP

LOCATOR MAP









APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced, O=orphaned,

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

C=the file is closed)

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

(In feet)

	POI Sub		QQ	Q							W	⁷ ater
POD Number	Code basi	n County	64 16	4 Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	thWater Co	lumn
C 03654 POD1	CUI	B ED	2 3	1 24	25S	26E	570654	3553773	1001			
C 03569 POD1	CUI	B ED	2 1	1 14	25S	26E	568862	3555746	2110	30	0	30
<u>C 02220</u>	CUI	B ED	3 1	2 26	25S	26E	569598	3552352*	2672	35		
C 03655 POD3	CUI	B ED	1 4	4 22	25S	26E	568458	3553019	2871			
<u>C 02221</u>	CUI	B ED	4 3	2 25	25S	26E	571412	3551961*	2890	35		
C 04329 POD1	С	ED	2 2	2 27	25S	26E	568577	3552567	3083	57	14	43
C 03261 POD1	CUI	B ED	3 2	1 20	25S	27E	574007	3554006*	3362	351		
<u>C 01013</u>	С	ED		4 25	25S	26E	571505	3551456*	3403	245		
<u>C 01368</u>	C	ED	1	1 22	25S	26E	567261	3554059*	3544	143	118	25
<u>C 01089</u>	C	ED	3 4	1 03	25S	26E	567505	3558398*	4855	96	45	51

Average Depth to Water:

44 feet

Minimum Depth:

0 feet

Maximum Depth:

118 feet

Record Count: 10

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 570733 Northing (Y): 3554771 Radius: 5000

*UTM location was derived from PLSS - see Help

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

8/18/23 12:12 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 190 to 235 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent

Gypsum land: 30 percent
Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills

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

footslope, toeslope

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

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

Parent material: Residuum weathered from gypsum

Typical profile

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

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

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

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

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

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

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

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

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Interpretive groups

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

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

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

footslope, toeslope

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

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

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Largo

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

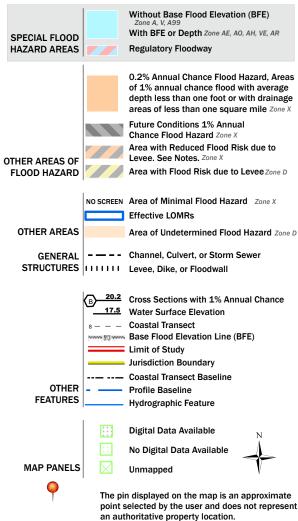
Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 18, Sep 8, 2022

National Flood Hazard Layer FIRMette





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



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 3/20/2024 at 5:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



APPENDIX III

NMOCD CORRESPONDENCE

<u>District 1</u> 1625 N French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Biazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Name of Company

Facility Name

Surface Owner

Address

State of New Mexico **Energy Minerals and Natural Resources**

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

RECEIVED

AUG 2 0 2012

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate

NMOCD ARTESIA of the life in accordance
with Rule 116 on back side of form

Release Noti	fication and Correct	tive Action	٠.,	
1224849818	OPERATOR	\boxtimes	Initial Report	Final Report
ompany Cimarex Energy 162683	Contact Te	erry D. Ainsworth		
600 Marienfeld Midland, TX 79701	Telephone No. (575) 390-1388		
me Federal 13 Com 2	Facility Type			
ner Minera	al Owner	Le	ase No. NM 416	45
		76	PI# 30-015-3	3344

LOCATION OF RELEASE Unit Letter Section Township Range Fect from the North/South Line Feet from the East/West Line County 1400' Eddy K 13 **25**S 26E South 1565' West

> Latitude_ __ Longitude_

NATURE OF RELEASE

Source of Release fiberglass tank failure Date and Hour of Occurrence 10/11/2010 10/11/2010 9 AM Was Immediate Notice Given? Tyes No Not Required If YES, To Whom? I didn't call anyone or do a report back then because we though as it was contained inside the berm it was not recordable. We now. By Whom? Date and Hour Was a Watercourse Reached? Date and Hour If YES, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* We had snap acting level controllers on the 3 phase production separator and it stuck in the open position hitting the FG tank with 900+ PSI I shook the bottom out of the tank releasing one foot of water inside the lined bermed area. We called a vacuum truck and picked up what we and hauled to a public disposal Describe Area Affected and Cleanup Action Taken.* We changed out the snap acting level controllers with throttling controllers and set a 500 PSI Flash separator with a 200 PSI back pressure valso now our high pressure vessel dumps through the flash separator. So now we should never have high pressure at the tanks. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may entered the pressure of the proper and/or file certain release notifications and perform corrective actions for releases which may entered to report and/or file certain release notifications and perform corrective actions for releases which may entered to report and/or file certain release notifications and perform corrective actions for releases which may entered to report and/or file certain release notifications and perform corrective actions for releases which may entered to the best of my knowledge and understand that pursuant to NMOCD regulations all operators	ght as long
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regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may e	
public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator o	
should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, hu	
or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with an	y other
federal, state, or local laws and/or regulations.	•
OIL CONSERVATION DIVISION	
Signature:	
Signature: Approved by District Supervisor: Signed By Mily Br	
	wester-
Printed Name: Terry D. Ainsworth	Waller_
Title: Production Foreman SEP 0 4 2012 Expiration Date:	walde ex
Approval Date. Expiration Date:	MULER
E-mail Address: tainsworth@cimarex.com Conditions of Approval:	March Letter
Conditions of Approval: Attached	W. Collec
Date: 8/20/2012 Phone: (575) 390-1388	W. Collec
Remediation per OCD Rules &	W. Call Sec
Attach Additional Sheets If Necessary Guidelines. SUBMIT REMEDIATION 22P	Marches

PROPOSAL NOT LATER THAN:

October 4th 2012

Bratcher, Mike, EMNRD

From: Terry Ainsworth <TAinsworth@cimarex.com>

Sent: Monday, August 20, 2012 2:01 PM

To: tgregsto@blm.gov

Cc:Bratcher, Mike, EMNRD; Terri Stathem; Kim BartonSubject:Federal 13 Com 2 produced water spill (2010 spill)

Attachments: Federal 13-2.doc



Terry D. Ainsworth

Production Foreman Permian Basin Region

Cimarex Energy

cell (575) 390-1388 Office (575) 628-3447 fax (575) 628-3566

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

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

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

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

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

QUESTIONS

Action 313367

Q	NUESTIONS
Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683 Action Number: 313367 Action Type: [NOTIFY] Notification Of Sampling (C-141N)
QUESTIONS	
Prerequisites	
Incident ID (n#)	nJMW1224849818
Incident Name	NJMW1224849818 2010 MAJOR A SWS @ 30-015-33344
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-33344] FEDERAL 13 COM #002
Location of Release Source	
Site Name	Unavailable.
Date Release Discovered	10/11/2010
Surface Owner	Federal
Sampling Event General Information	
Please answer all the questions in this group.	1
What is the sampling surface area in square feet	4,000

ase answer all the questions in this group.	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2023
Time sampling will commence	11:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Michael Collier - H&R Enterprises - 575-909-0326
Please provide any information necessary for navigation to sampling site	32.1269608, -104.2404272

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

CONDITIONS

Action 313367

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	313367
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	d Condition	Condition
Ву		Date
lluig	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/12/2024

APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

SITE ASSESSMENT PHOTOGRAPHS



S-1



SITE ASSESSMENT PHOTOGRAPHS



S-3



SITE ASSESSMENT PHOTOGRAPHS



S-5

FINAL PHOTOGRAPHS











APPENDIX V

LABORATORY REPORTS



August 14, 2023

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

RE: FEDERAL 13 COM #002 (FED 13 2010)

Enclosed are the results of analyses for samples received by the laboratory on 08/08/23 13:35.

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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/08/2023 Sampling Date: 08/07/2023

Reported: 08/14/2023 Sampling Type: Soil

Project Name: FEDERAL 13 COM #002 (FED 13 2010) Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Shari Cisneros

Project Location: CIMAREX - EDDY COUNTY, NM

Sample ID: S - 1 0-0.5' (H234242-01)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2023	ND	2.18	109	2.00	0.590	
Toluene*	<0.050	0.050	08/11/2023	ND	2.10	105	2.00	0.0357	
Ethylbenzene*	<0.050	0.050	08/11/2023	ND	2.01	101	2.00	0.778	
Total Xylenes*	<0.150	0.150	08/11/2023	ND	6.03	100	6.00	1.07	
Total BTEX	<0.300	0.300	08/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 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	64.0	16.0	08/10/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	168	83.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	154	76.8	200	0.382	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					
Surrogate: 1-Chlorooctane	64.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.5	% 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: 08/08/2023 Reported:

08/14/2023

Project Name: FEDERAL 13 COM #002 (FED 13 2010) Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 08/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: S - 2 0-0.5' (H234242-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2023	ND	2.18	109	2.00	0.590	
Toluene*	<0.050	0.050	08/11/2023	ND	2.10	105	2.00	0.0357	
Ethylbenzene*	<0.050	0.050	08/11/2023	ND	2.01	101	2.00	0.778	
Total Xylenes*	<0.150	0.150	08/11/2023	ND	6.03	100	6.00	1.07	
Total BTEX	<0.300	0.300	08/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500CI-B	hloride, SM4500Cl-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/10/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	168	83.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	154	76.8	200	0.382	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					
Surrogate: 1-Chlorooctane	68.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.5	% 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: 08/08/2023 Reported: 08/14/2023 Sampling Date: 08/07/2023

Reported: 0.
Project Name: F

Sampling Type: Soil

Project Name: FEDERAL 13 COM #002 (FED 13 2010)
Project Number: NOT GIVEN

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: CIMAREX - EDDY COUNTY, NM

Sample ID: S - 3 0-0.5' (H234242-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2023	ND	2.18	109	2.00	0.590	
Toluene*	<0.050	0.050	08/11/2023	ND	2.10	105	2.00	0.0357	
Ethylbenzene*	<0.050	0.050	08/11/2023	ND	2.01	101	2.00	0.778	
Total Xylenes*	<0.150	0.150	08/11/2023	ND	6.03	100	6.00	1.07	
Total BTEX	<0.300	0.300	08/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 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	48.0	16.0	08/10/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	168	83.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	154	76.8	200	0.382	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

Analyzed By: MC

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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: 08/08/2023 Reported: 08/14/2023

 08/08/2023
 Sampling Date:
 08/07/2023

 08/14/2023
 Sampling Type:
 Soil

Project Name: FEDERAL 13 COM #002 (FED 13 2010)

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sample ID: S - 4 0-0.5' (H234242-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2023	ND	2.18	109	2.00	0.590	
Toluene*	<0.050	0.050	08/11/2023	ND	2.10	105	2.00	0.0357	
Ethylbenzene*	<0.050	0.050	08/11/2023	ND	2.01	101	2.00	0.778	
Total Xylenes*	<0.150	0.150	08/11/2023	ND	6.03	100	6.00	1.07	
Total BTEX	<0.300	0.300	08/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	48.0	16.0	08/10/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	168	83.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	154	76.8	200	0.382	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					
Surrogate: 1-Chlorooctane	66.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.7	% 49.1-14	8						

Analyzed By: MC

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Analytical Results For:

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

Received: 08/08/2023 Reported:

08/14/2023 Sampling Type:

Project Name: FEDERAL 13 COM #002 (FED 13 2010)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 08/07/2023

Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

Sample ID: S - 5 0-0.5' (H234242-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2023	ND	2.02	101	2.00	3.53	
Toluene*	<0.050	0.050	08/11/2023	ND	1.96	97.8	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/11/2023	ND	1.96	98.1	2.00	4.18	
Total Xylenes*	<0.150	0.150	08/11/2023	ND	5.87	97.8	6.00	4.60	
Total BTEX	<0.300	0.300	08/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	08/10/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	168	83.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	154	76.8	200	0.382	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					
Surrogate: 1-Chlorooctane	63.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.2	% 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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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: H&R Enterprises	prises	BILL TO	0	ANALYSIS	SIS REQUEST
Project Manager: Michael Collier		P.O.#:			
Address:		Company: Cimarex Energy	nergy	_	
City:	State: Zip:	Attn: Laci Luig			
Phone #:	Fax#:	Address:			
Project #:	Project Owner: Cimarex Energy	nergy City:			
Project Name: Federal 13 Com #002 (Fed 13	201	State: Zip:			
Project Location: Eddy County, NM		Phone #:			
A CALLES DAY BAIL		Fax#:		_	
Sampler Name: Roy Bell		PRESERV	SAMPLING		
FOR LAB USE ONLY		+	Time Control		
Lab I.D.	ORAB OR (C)OMP. CONTAINERS COUNDWATER		BTEX	TPH Chlorides	
H2342H	- #	X SC OI AI	5		
S-2 0-0.5					
2 8-3 0-0.5'					
S-4 0-0.5					
S-5 0-0.5'					
PLACE NOTE: (Labity and Damages: Cumber's) should you district endurate moves for any same asking whether based in connect or bot, waith for loads to the connect path the district endurates in the place of the connect path the	edicate mine's for any claim arising whether based in contract or for ges, including without limitation, business interruptions, loss of t and the contract of the contract of whether such	, wall to limited to the amount paid by the client for the "analysess. All Claims gas, or loss of profits incurred by client, its subsidiarities. I claims is besetd upon any of the above stated respons or dihenvises.	A) claims incubing truse or impigence and any one visions	Bid bill other name	
Relinguished By:	Date: 43 Received By:	ENVINCE)	Verbal Result: All Results are en	☐ Yes ☐ No nailed. Please provide Email	Add'l Phone #: address:
Relinguished By:	Date: Received By:	y.	REMARKS: PG 1 of 1		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. "C Corrected Temp. "C	Sample Condition CHECKED BY:	Innaround The Standard Decreed to Reads — Cool Index Observed to Thermometer ID N/3 + /4/)	and D Bacteria (only) Serrici	li Condide
		- 7			NO THE WHITE AND A PARTY OF THE

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

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

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

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

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

QUESTIONS

Action 325664

QUESTIONS

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJMW1224849818
Incident Name	NJMW1224849818 FEDERAL 13 COM #002 @ 30-015-33344
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-33344] FEDERAL 13 COM #002

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FEDERAL 13 COM #002
Date Release Discovered	10/11/2010
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 33 BBL Recovered: 30 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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

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

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 325664

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e	. gas only) are to be submitted on the C-129 form.

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

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

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: DL_PermianEnvironmental@coterra.com

Date: 02/13/2024

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

QUESTIONS, Page 3

Action 325664

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 300 and 500 (ft.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Between 300 and 500 (ft.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan	
Please answer all the questions that apply or are indicated. This informatic	on must be provided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical exten	ts of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been full	y delineated Yes
Was this release entirely contained within a lined containment	area No
Soil Contamination Sampling: (Provide the highest observable v	value for each, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 CI B)	64
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M	0
BTEX (EPA SW-846 Method 8021B	or 8260B) 0
Benzene (EPA SW-846 Method 8021E	3 or 8260B) 0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization rewhich includes the anticipated timelines for beginning and completing the	port includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, remediation.
On what estimated date will the remediation commence	08/07/2023
On what date will (or did) the final sampling or liner inspection	occur 08/07/2023
On what date will (or was) the remediation complete(d)	08/07/2023
What is the estimated surface area (in square feet) that will be	e reclaimed 0
What is the estimated volume (in cubic yards) that will be recla	aimed 0
What is the estimated surface area (in square feet) that will be	e remediated 0
What is the estimated volume (in cubic yards) that will be reme	ediated 0
These estimated dates and measurements are recognized to be the best gu	ess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be	minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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

QUESTIONS, Page 4

Action 325664

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	Yes	
Other Non-listed Remedial Process. Please specify	Site has been previously reclaimed and samples were collected to confirm reclamation efforts. All samples did not exceed remediation/reclamation cleanup standards. See OCD communication in report file.	

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

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

Name: Laci Luig
Title: ES&H Specialist
Email: DL_PermianEnvironmental@coterra.com
Date: 02/13/2024

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

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QUESTIONS, Page 5

Action 325664

QUESTIONS (continued)

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 325664

Ωl	JFS1	TIONS	(continued)	١

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd, Ste 300N	Action Number:
Midland, TX 79706	325664
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	

Sampling Event Information	
Last sampling notification (C-141N) recorded	313367
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	4000

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	0	
What was the total volume (cubic yards) remediated	0	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	Site has been previously reclaimed and samples were collected to confirm reclamation efforts. All samples did not exceed remediation/reclamation cleanup standards. See OCD communication in report file.	

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

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: ES&H Specialist
Email: DL_PermianEnvironmental@coterra.com
Date: 03/21/2024

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QUESTIONS, Page 7

Action 325664

QUEST	ONS (continued)	
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6001 Deauville Blvd, Ste 300N	Action Number:	
Midland, TX 79706	325664	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	106200	
What was the total volume of replacement material (in cubic yards) for this site	177	
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable materia	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	05/01/2024	
Summarize any additional reclamation activities not included by answers (above)	Reclamation complete, Site was cross ripped and recontoured with native soil & caliche in the area. Reseeding will take place during Monsoon season to promote regrowth.	
	Interclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
to report and/or file certain release notifications and perform corrective actions for release	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by product by investigate and some	

water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete

Name: Laci Luig Title: ES&H Specialist I hereby agree and sign off to the above statement Email: DL_PermianEnvironmental@coterra.com Date: 03/21/2024

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QUESTIONS, Page 8

Action 325664

QUESTIONS (continued)

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6001 Deauville Blvd, Ste 300N	Action Number:
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	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 325664

CONDITIONS

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	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	4/4/2024
crystal.walker	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	4/4/2024
crystal.walker	OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	4/4/2024