

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

# **Site Assessment and Closure Report**

C K 7 Federal #001 Incident# 2RP-1291/nJMW1225739545 Eddy County, New Mexico

# **Prepared For:**

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

# **Prepared By:**

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

April 17, 2023

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

Subject: Site Assessment and Closure Report

C K 7 Federal #001 Eddy County, NM

Dear Mrs. Nobui,

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 C K 7 Federal #001 is located approximately 17.4 miles Northeast of Whites City, New Mexico. The legal location for this release is Unit Letter G, Section 07, Township 24 South and Range 26 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.231535 North and -103.328983 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 Ector extremely rocky loam, 9 to 25 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).

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The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 250-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** 250 Feet/BGS ⊠No Yes Within 300 feet of any continuously flowing watercourse or any other significant watercourse No Yes Within 200 feet of any lakebed, sinkhole, or a playa lake ⊠No Yes Within 300 feet from an occupied permanent residence, school, hospital, institution, or church ⊠No Within 500 feet of a spring or a private, domestic fresh water well Yes used by less than five households for domestic or stock watering purposes ⊠No Yes Within 1000 feet of any freshwater well or spring Yes ⊠No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978 Yes No Within 300 feet of a wetland No Yes Within the area overlying a subsurface mine ✓ Yes No Within an unstable area Yes $\boxtimes$ No Within a 100-year floodplain

As this release occurred in a high karst area, the closure criteria for this site is as follows:

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

# **Incident Description**

On September 02, 2012, during the process of blowing the separator to the fiberglass, tank the bottom of the tank came apart allowing approximately 35 barrels of produced water to be released into the unlined containment as well as under the berms into the pasture to the South.

### **Site Assessment and Reclamation Activities**

H&R mobilized personnel to begin site assessment activities of the location. Grab samples were obtained by way of hand auger. Hard rock refusal was encountered. Initial site assessment sampling locations are illustrated on Site Assessment Map, Appendix I. Samples collected were transported to Cardinal Laboratory for analysis. The results of that analysis are presented in Table 1 below. Photographs of the sampling locations as well as of the historical spill path are attached in Appendix IV. Complete laboratory reports can be found in Appendix V.

Table 1: Initial Soil Samples Analysis

| Sample ID                                       | Sample Date | Depth<br>(BGS) | BTEX<br>mg/kg  | Benzene<br>mg/kg | GRO<br>mg/kg    | DRO<br>mg/kg   | MRO<br>mg/kg | Total TPH<br>mg/kg | Cl<br>mg/kg |
|---|-------------|----------------|----------------|------------------|-----------------|----------------|--------------|--------------------|-------------|
| NMOCD Table 1 Closure Criteria 19.15.29<br>NMAC |             | teria 19.15.29 | 50 mg/kg       | 10 mg/kg         |                 | 100 mg/kg      |              | 100 mg/kg          | 600 mg/kg   |
| S-1   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| S-2   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| S-3   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| S-4   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| S-5   | 4/4/2023    | 0' R           | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| S-6   | 4/4/2023    | 0' R           | ND             | ND               | ND              | ND             | ND           | 0                  | 32          |
| H-1   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| H-2   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| H-3   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| H-4   | 4/4/2023    | 0' R           | ND             | ND               | ND              | ND             | ND           | 0                  | 16          |
| H-5   | 4/4/2023    | 0-0.5' R       | ND             | ND               | ND              | ND             | ND           | 0                  | 32          |
| H-6   | 4/4/2023    | 0' R           | ND             | ND               | ND              | ND             | ND           | 0                  | 32          |
| H-7   | 4/4/2023    | 0' R           | ND             | ND               | ND              | ND             | ND           | 0                  | 32          |
|   |             | ND = /         | Analyte Not De | tected H = Ho    | rizontal Sample | S = Vertical S | ample        |                    |             |

Based on the results of our site assessment it was determined that remediation was completed during deconstruction and relocation of the tank battery. A radio tower now sits where the old tank battery sat.

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### Closure

Based on the site assessment 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,

Michael Collier

**H&R** Enterprises, LLC

Michael Collier

**Environmental Project Manager** 

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Survey, FEMA Flood Zone Map

Appendix III Initial and Final C-141

Appendix IV Photographic Documentation

Appendix V Laboratory Reports

# **APPENDIX I**

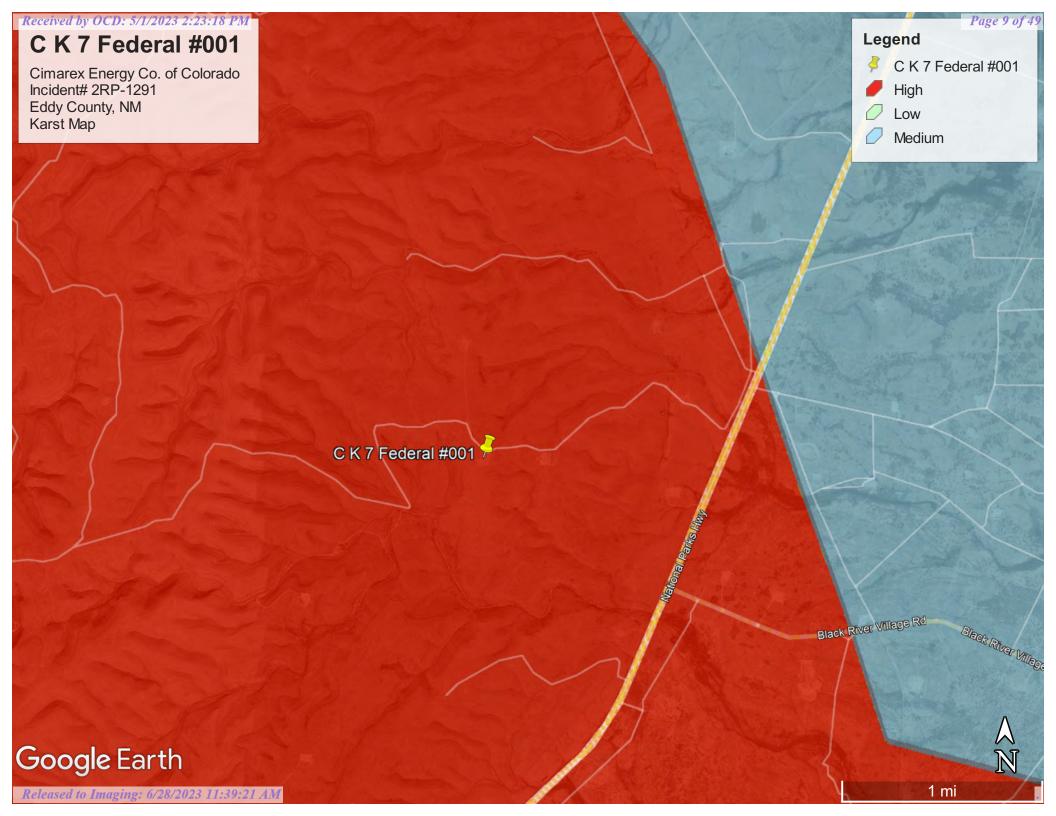
**SITE MAPS** 

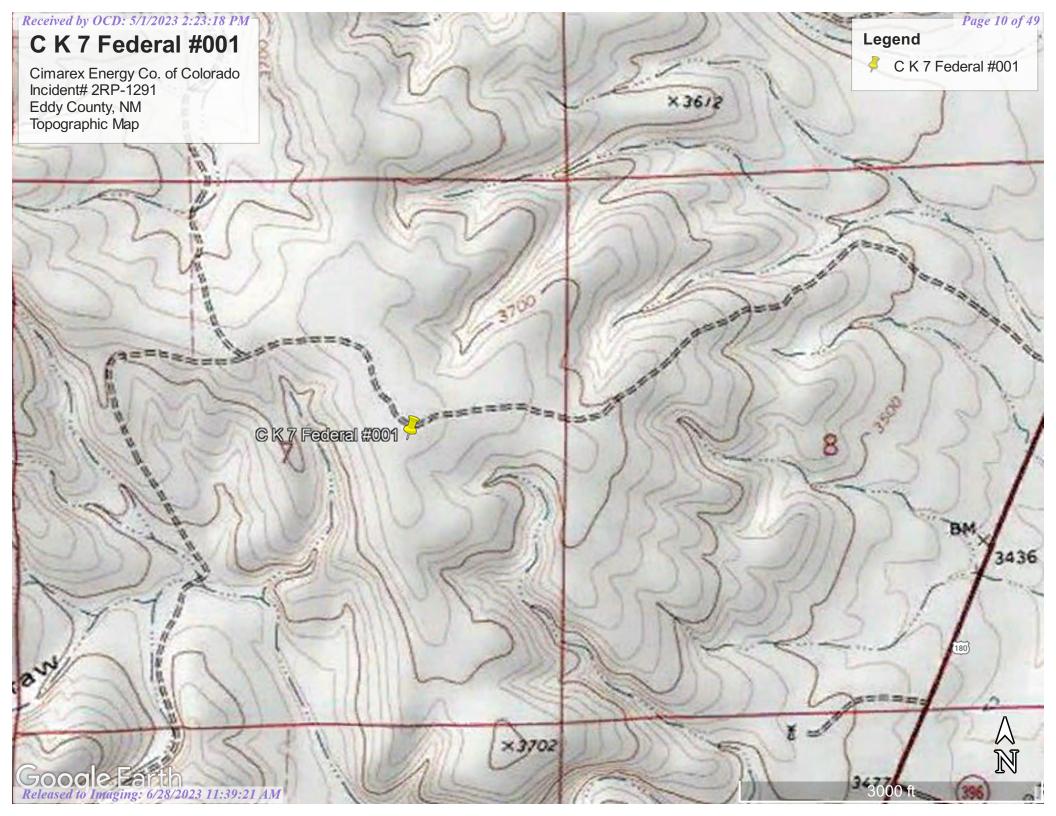
**KARST MAP** 

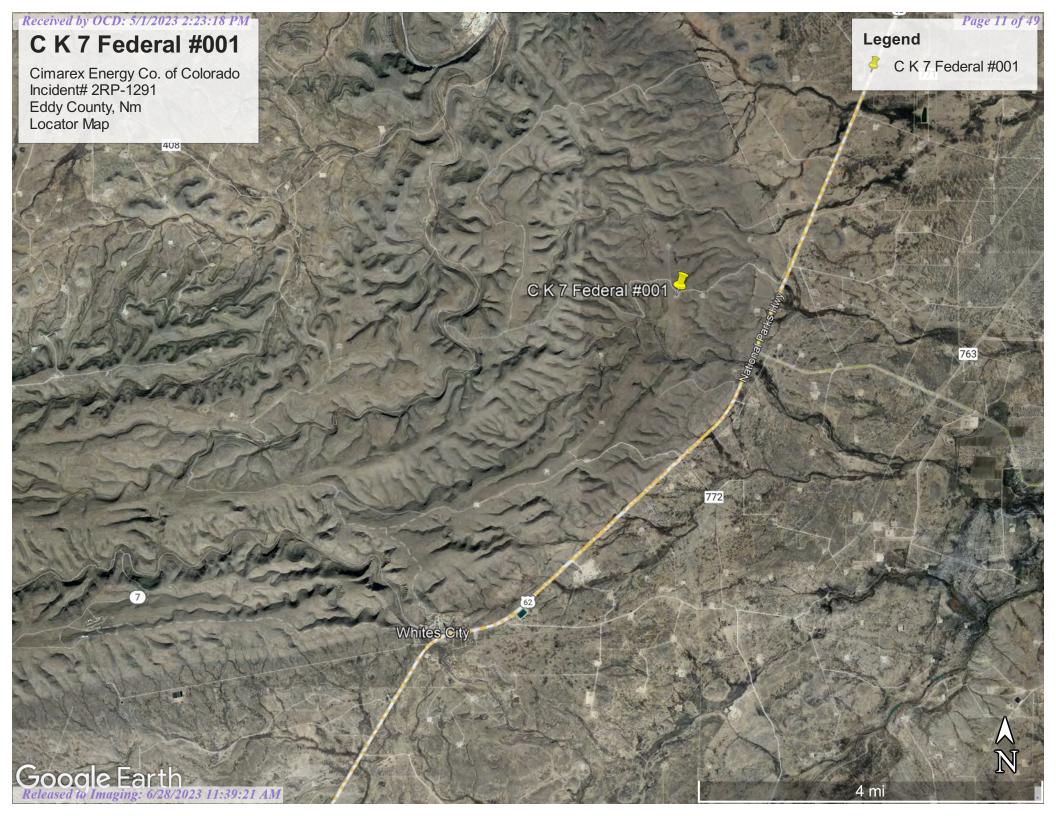
**TOPOGRAPHIC MAP** 

**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,

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<br>Sub- |        | Q  | Q  | Q |     |     |     |        |          |             |           | v           | Vater |
|----------------|------|-------------|--------|----|----|---|-----|-----|-----|--------|----------|-------------|-----------|-------------|-------|
| POD Number     | Code | basin       | County | 64 | 16 | 4 | Sec | Tws | Rng | X      | Y        | DistanceDep | thWellDep | othWater Co | olumn |
| <u>C 00669</u> |      | С           | ED     | 2  | 4  | 3 | 07  | 24S | 26E | 562799 | 3565796* | 722         | 330       | 250         | 80    |
| <u>C 00957</u> |      | C           | ED     |    | 1  | 4 | 18  | 24S | 26E | 563106 | 3564511* | 1846        | 753       | 650         | 103   |
| <u>C 02027</u> |      | C           | ED     |    | 4  | 2 | 13  | 24S | 25E | 561910 | 3564888* | 1991        | 350       | 163         | 187   |

Average Depth to Water:

354 feet

Minimum Depth:

163 feet

Maximum Depth: 650 feet

**Record Count:** 3

**Basin/County Search:** 

County: Eddy

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

**Easting (X):** 563260.79 **Northing (Y):** 3566351.25 **Radius:** 3000

\*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.

4/14/23 10:21 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

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

### EE—Ector extremely rocky loam, 9 to 25 percent slopes

### **Map Unit Setting**

National map unit symbol: 1w4c Elevation: 1,600 to 4,800 feet

Mean annual precipitation: 10 to 18 inches Mean annual air temperature: 58 to 66 degrees F

Frost-free period: 195 to 240 days

Farmland classification: Not prime farmland

### **Map Unit Composition**

Ector and similar soils: 98 percent Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

### **Description of Ector**

#### Setting

Landform: Ridges, 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 limestone

#### Typical profile

H1 - 0 to 6 inches: very cobbly loam H2 - 6 to 60 inches: bedrock

### **Properties and qualities**

Slope: 9 to 25 percent

Depth to restrictive feature: 4 to 20 inches to lithic bedrock

Drainage class: Well drained Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.06 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 60 percent Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0

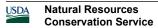
mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 0.4 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified



Map Unit Description: Ector extremely rocky loam, 9 to 25 percent slopes---Eddy Area, New Mexico

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R042CY151NM - Limestone Hills

Hydric soil rating: No

### **Minor Components**

#### **Ector**

Percent of map unit: 1 percent

Ecological site: R042CY158NM - Very Shallow

Hydric soil rating: No

### **Rock outcrop**

Percent of map unit: 1 percent

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





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

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

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/14/2023 at 1:08 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**

**INITIAL C-141** 

**FINAL C-141** 

### Received by OCD: 5/1/2023 2:23:18 PM

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

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

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|--|------------------------------|
| RECEIVED                                       | Form C-141                   |
| Revise   | <b>dLO</b> ctober 10, 2003 - |
| SEP 04 2012 Cop<br>District Off<br>NMOCD ARTES | tale i i o on ouch           |
| THESIA   | side of form                 |

# **Release Notification and Corrective Action**

| Ti111  | 1000-  | 100 - 11   |  | asc mount  |                      |                     |  | cuon<br>"               | <del></del>             | 1.5                           | _ ~                                   | <b>.</b> |
|--|--|--|--|--|----------------------|---------------------|--|-------------------------|-------------------------|-------------------------------|---------------------------------------|----------|
| Name of Co   | mnany  | 139545<br>Cimarex En   | erov 77                                | 02683  |                      | OPERAT<br>Contact   | Terry D. A                                     | inswort                 |                         | al Report                     | Final l                               | Report   |
| Address  |  | enfeld Mid   |  |  |                      | Felephone N         |  |                         | 1.1                     |                               |                                       |          |
| Facility Nar   |  | Federal 1  |  |  |                      | Facility Type       |  |                         |                         |                               |                                       |          |
| Surface Ow   | ner  |  |  | Mineral O  | wner                 |                     |  |                         | Lease N                 | No. NM 15                     | 5295                                  |          |
|  |  |  |  |  |                      | IOPET               | DACE   | A                       |                         |                               | 33420                                 |          |
| Unit Letter  | Section  | Township   | Danas                                  | Feet from the  |                      | OF REL              |  |                         | est Line                |                               |                                       |          |
| G  | 7  | Township<br>24S  | Range<br>26E                           | 2495   |                      | orth                | Feet from the 1415                             | East/ w<br>Ea           |                         | e County Eddy                 |                                       |          |
|  |  |  |  |  |                      |                     |  | _                       |                         |                               |                                       |          |
|  |  |  | I                                      | atitude 32 13' 5   | 54" N                | Longitud            | e 104 19' 41" <b>\</b>                         | W                       |                         |                               |                                       |          |
|  |  |  |  | NAT  | URE                  | OF RELI             | EASE   |                         |                         |                               |                                       |          |
| Type of Rele   |  | duced Water  | -                                      |  |                      |                     | Relcase 75 bbls                                |                         |                         | Recovered 4                   |                                       |          |
| Source of Re   | tease fiber  | rglass tank fai  | lure                                   |  |                      | Date and H 9/2/2012 | our of Occurrence 8AM                          |                         | Date and 9/2/2012       | Hour of Dis<br>8AM            | covery                                |          |
| Was Immedia  | ate Notice C   |  |  |  |                      | If YES, To          |  |                         | 112112                  | OANN                          |                                       |          |
|  |  |  | Yes 🗵                                  | No Not Red   | quired               |                     |  |                         |                         |                               |                                       |          |
| By Whom?   |  |  |  |  |                      | Date and H          |  |                         |                         |                               |                                       |          |
| Was a Water  | course Reac  | hed?   | Yes 🛛                                  | l No   |                      | If YES, Vo          | lume Impacting th                              | he Water                | course.                 |                               |                                       |          |
| If a Watercou  |  |  |  |  |                      |                     |  |                         |                         | ·                             |                                       |          |
| ii a watereot  | arse was im  | pacied, Desci  | ibe i diiy.                            |  |                      |                     | T.   |                         |                         |                               |                                       |          |
| Called vacuu  Describe Are The spill got We will put t | ng separator<br>im truck to p<br>ea Affected a<br>out under the<br>together a ga | to fiberglass pick up spill and Cleanup / ne unlined containe plan to ca | Action Tak<br>ntainment<br>ntch sample | een.* berms – 35 bbls of es and see how dee  | PW go                | t out and soal      | ainment and in th                              | e pasture               | d that pur              | suant to NM                   |                                       |          |
| public health<br>should their or<br>or the environ     | or the enviroperations homent. In a  | ronment. The ave failed to a   | acceptance<br>adequately<br>OCD accep  | nd/or file certain re<br>se of a C-141 report<br>investigate and re<br>stance of a C-141 r | rt by the<br>mediate | NMOCD ma            | rked as "Final Ro<br>on that pose a thro       | eport" de<br>eat to gre | es not rel<br>ound wate | ieve the ope<br>r, surface wa | rator of liability<br>iter, human hea | У        |
| -  |  | ×  |  |  | T                    |                     | OIL CONS                                       | SERV                    | ATION                   | DIVISIO                       | <u>N</u>                              |          |
| Signature:   |  |  |  |  |                      |                     |  |                         |                         | 11 ,                          |                                       |          |
| Printed Name   | е: Теггу Г   | D. Ainsworth   |  |  |                      | Approved by         | District Superviso                             | Signed                  | By M                    | 11/4 Bx                       | MINIST                                | <b></b>  |
| Title: Pr  | oduction Fo  | reman  |  |  |                      | Approval Dat        | SEP 13 20                                      | 12 E                    | xpiration               | Date:                         |                                       |          |
| E-mail Addre   | ess: tainsw  | orth@cimare  | x.com                                  |  |                      | Conditions of       | Approval:                                      |                         |                         | Attached                      |                                       |          |
| Date: 9/2/2<br>Attach Addi                             |  | ets If Necess  |  | one: 575-390-138   | <br>G                | uidelines. <b>S</b> | tion per OCD I<br>UBMIT REMEI<br>IOT LATER THA | DIATIO                  |                         | 1<br>2RI                      | P-129/                                |          |

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|----------------|---------------|
| Incident ID    |               |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

# **Site Assessment/Characterization**

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

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

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.

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|----------------|---------------|
| Incident ID    |               |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

| I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a the addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations. | 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:  |  |
| Signature: \( \lambda \cdot \)   | Date:  |
| email:   | Telephone:   |
|  |  |
| OCD Only   |  |
| Received by: Jocelyn Harimon   | Date:05/01/2023  |
|  |  |

Received by OCD: 5/1/2023 2:23:18 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

# Closure

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

| Closure Report Attachment Checklist: Each of the following it   | tems must be included in the closure report.  |
|---|---|
| ☐ A scaled site and sampling diagram as described in 19.15.29.1   | 1 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 should their operations have failed to adequately investigate and renhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regular estore, reclaim, and re-vegetate the impacted surface area to the conaccordance with 19.15.29.13 NMAC including notification to the O | nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete. |
|   |   |
| Signature: Aac Aac  | Date:   |
| email:  | Telephone:  |
|   |   |
| OCD Only  |   |
| Received by: Jocelyn Harimon  | Date:05/01/2023   |
|   | 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:06/28/2023   |
| Printed Name:   | Title: Environmental Specialist   |

# **APPENDIX IV**

# PHOTOGRAPHIC DOCUMENTATION



**OLD BATTERY LOCATION/RADIO TOWER LOCATION** 



**PASTURE SPILL AREA** 

# **SAMPLE LOCATION PHOTOGRAPHS**



**S-1** 



# **SAMPLE LOCATION PHOTOGRAPHS**



**S-3** 



# **SAMPLE LOCATION PHOTOGRAPHS**



**S-5** 





H-1



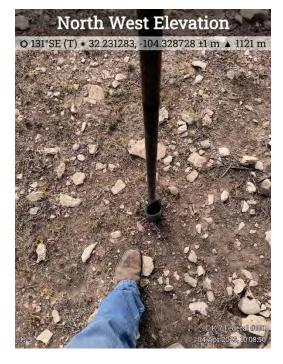
H-2



H-3



H-4



H-5



H-6



H-7

# **APPENDIX V**

# LABORATORY REPORTS



April 12, 2023

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

RE: C K 7 FEDERAL #001 (C K)

Enclosed are the results of analyses for samples received by the laboratory on 04/05/23 16:45.

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

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

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

Celey D. 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



04/04/2023

#### Analytical Results For:

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

Received: 04/05/2023 Sampling Date: Reported: 04/12/2023 Sampling Type:

Reported: 04/12/2023 Sampling Type: Soil
Project Name: C K 7 FEDERAL #001 (C K) Sampling Condition: Cool & Intact

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: CIMAREX - EDDY COUNTY, NM

mg/kg

### Sample ID: S - 1 0-0.5' R (H231602-01)

BTEX 8021B

| DILX 0021D                           | ilig   | / Ng            | Allalyze        | u by. 511/   |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 04/11/2023      | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023      | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023      | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023      | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023      | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023      | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023      | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 83.6   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.7   | % 49.1-14       | 8               |              |      |            |               |       |           |
|                                      |        |                 |                 |              |      |            |               |       |           |

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

04/12/2023 C K 7 FEDERAL #001 (C K)

Project Name: C K 7 FEDERA Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: S - 2 0-0.5' R (H231602-02)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze    | a By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 86.7   | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Analyzed By: 1H /

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#### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: S - 3 0-0.5' R (H231602-03)

BTEX 8021B

| DILX GOZID                           | ilig/ kg       |                 | Analyzea by: 311/ |              |      |            |               |       |           |
|--------------------------------------|----------------|-----------------|-------------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result         | Reporting Limit | Analyzed          | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050         | 0.050           | 04/11/2023        | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050         | 0.050           | 04/11/2023        | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050         | 0.050           | 04/11/2023        | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150         | 0.150           | 04/11/2023        | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300         | 0.300           | 04/11/2023        | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 % 71.5-13  |                 | 4                 |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/kg          |                 | Analyzed By: GM   |              |      |            |               |       |           |
| Analyte                              | Result         | Reporting Limit | Analyzed          | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0           | 16.0            | 04/11/2023        | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/kg          |                 | Analyzed By: MS   |              |      |            |               |       |           |
| Analyte                              | Result         | Reporting Limit | Analyzed          | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0          | 10.0            | 04/11/2023        | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0          | 10.0            | 04/11/2023        | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0          | 10.0            | 04/11/2023        | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.2 % 48.2-13 |                 | 4                 |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.3           | % 49.1-14       | 8                 |              |      |            |               |       |           |
|                                      |                |                 |                   |              |      |            |               |       |           |

Analyzed By: JH/

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#### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

C K 7 FEDERAL #001 (C K)

Project Name: Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: S - 4 0-0.5' R (H231602-04)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH/ |              |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 04/11/2023       | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023       | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023       | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023       | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023       | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9  | % 71.5-13       | 4                |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/kg  |                 | Analyzed By: GM  |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023       | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/kg  |                 | Analyzed By: MS  |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023       | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023       | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023       | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 86.7   | % 48.2-13       | 4                |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.6   | % 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: 04/05/2023 Reported: 04/12/2023

04/12/2023 C K 7 FEDERAL #001 (C K)

mg/kg

Project Name: C K 7 FEDER
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: S - 5 0' R (H231602-05)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | .u Dy. 3117  |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 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: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: S - 6 0' R (H231602-06)

| 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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | 'kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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Celey D. Keene



### Analytical Results For:

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

Received: 04/05/2023 Reported:

04/12/2023 C K 7 FEDERAL #001 (C K)

Project Name: Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 1 0-0.5' R (H231602-07)

| 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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 78.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)
Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 2 0-0.5' R (H231602-08)

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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.5   | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Analyzed By: 1H /

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### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 3 0-0.5' R (H231602-09)

| 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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 82.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.6   | % 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: 04/05/2023 Reported:

04/12/2023

Project Name: C K 7 FEDERAL #001 (C K) Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 4 0' R (H231602-10)

| 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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 04/11/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 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: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 5 0-0.5' (H231602-11)

| 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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 04/11/2023 | 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            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 69.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 77.7   | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM

ma/ka

Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 6 0' R (H231602-12)

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           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 04/11/2023 | 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            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.6   | % 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: 04/05/2023 Reported: 04/12/2023

Project Name: C K 7 FEDERAL #001 (C K)

Project Number: NOT GIVEN

Project Location: CIMAREX - EDDY COUNTY, NM Sampling Date: 04/04/2023

Sampling Type: Soil

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

### Sample ID: H - 7 0' R (H231602-13)

| BTEX 8021B                           | mg,    | 'kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.04 | 102        | 2.00          | 0.273 |           |
| Toluene*                             | <0.050 | 0.050           | 04/11/2023 | ND           | 2.14 | 107        | 2.00          | 0.221 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 04/11/2023 | ND           | 2.08 | 104        | 2.00          | 0.321 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 04/11/2023 | ND           | 6.50 | 108        | 6.00          | 1.49  |           |
| Total BTEX                           | <0.300 | 0.300           | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | 'kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 04/11/2023 | 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            | 04/11/2023 | ND           | 168  | 84.1       | 200           | 1.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 04/11/2023 | ND           | 174  | 86.9       | 200           | 4.91  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 04/11/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 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  $6^{\circ}\text{C}$ 

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

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



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other: FOR EST Lab I.D. Sampler Name: M. Collier Project Name: C K 7 Federal #001 (C K) Project Location: Eddy County, NM Project #: Phone #: Address: Project Manager: Michael Collier Company Name: SIC FORM-006 R 3.2 10/07/21 H-4 0'R S-1 0-0.5' R S-2 0-0.5' R H-3 0-0.5' R H-2 0-0.5' R H-1 0-0.5' R S-6 0'R S-5 0' R S-4 0-0.5 R S-3 0-0.5' R H&R Enterprises 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Observed Temp, "C Corrected Temp, "C Fax #: Tirpey Date: P45-23 State: Project Owner: Cimarex Energy 30 Received By: Received G (G)RAB OR (C)OMP. Zip: # CONTAINERS Sample Condi GROUNDWATER WASTEWATER MATRIX OIL SLUDGE OTHER State: Fax #: City: Phone #: Company: Cimarex Energy P.O. #: Address: Attn: Laci Luig ACID/BASE 1 CHECKED BY (Initials) ICE / COOL OTHER BILL TO 8/4/23 4DATE Zip: Verbal Result: ☐ Yes ☐ No Add'i Phone #:
All Results are emailed. Please provide Email address: Thermometer ID #113 Correction Factor -0.5°C REMARKS TIME Cool Intac BTEX TPH 2° dust par Chlorides ANALYSIS REQUEST 4/6/23

Page 16 of 17



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Project Manager: Michael Collier                                   | brises   | P.O.#:  |   | ANALYSIS REQUEST                                     |
|--|--|---|---|--|
| Address:   |  | Company: Cimarex Energy                         |   |  |
| City:  | State: Zip:  | Attn: Laci Luig                                 |   |  |
| Phone #:   | Fax #:   | Address:  | _   |  |
| Project#:  | Project Owner: Cimarex Energy  | City:   | _   |  |
| Project Name: C K 7 Federal #001 (C K)                             |  | State: Zip:                                     | _   |  |
| Project Location: Eddy County, NM                                  |  | #   | _   |  |
| Sampler Name: M. Collier   |  | Process March                                   | _   |  |
| PORTABULE ONLY   |  | Fax#:   |   |  |
| lab ID   | MATRIX   | PRESERV. SAMPLING                               | _   |  |
|  | RS<br>ER   |   |   |  |
| CONSCRI  | (G)RAB OR (G)RAB OR (G) CONTAINE GROUNDWAY WASTEWATE (G) COLL COLL COLL COLL COLL COLL COLL COL  | OTHER: CID/BASE: CE/COOL OTHER:                 | BTEX TPH Chlorides  |  |
| H-5 0-0.5'   | X  | X 8/4/22  | x 1   |  |
| 15 H-6 0'R   |  | -   | +   |  |
| /5 H-7 0'R   |  |   |   |  |
|  |  |   |   |  |
|  |  |   |   |  |
| PLEASE NOTE: Liability and Durages. Cardingly Biddilly and class.  | no and at ballot in the control of t | HH  |   |  |
| affiliates or successors arising out of or related to the performs | effiliate or accessors aciding out of or resided to the performance of services hereunder by Cardina, regardless of whether such claim is based upon any of the shore stated reasons or otherwise.   |   |   | and effer or committee and for consesses may be seen |
| Williams By:   | Time/645 Received By:  | Verbal Result: All Results are e                | Verbal Result: ☐ Yes ☐ No [Add'! Phone #:<br>All Results are emailed. Please provide Email address: | Add'l Phone \$:<br>de Email address:                 |
| Relinquished By:   | Date: Received By:   | REMARKS:  | Contract C  | 29 20\$2   |
| Politicand But (Clark Care)  | Observed Temp. *C 3. ( Sample Condition Corrected Temp. *C 3. ( Cool Intact  | On CHECKED BY: Turnavound Time. (Initials) Roan | E Standard Dactoria (only) Su<br>Cool Intact Observed Temp, "C                                      | by Sample Conditi                                    |
| Sampler - UPS - Bus - Other:                                       | _  | Correction Factor -0.5°C                        | r ID #113<br>actor -0.5°C   |  |

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 212291

### **CONDITIONS**

| Operator:                      | OGRID:                                    |
|--------------------------------|---|
| CIMAREX ENERGY CO. OF COLORADO | 162683                                    |
| 6001 Deauville Blvd, Ste 300N  | Action Number:                            |
| Midland, TX 79706              | 212291                                    |
|                                | Action Type:                              |
|                                | [C-141] Release Corrective Action (C-141) |

### CONDITIONS

| Created By | Condition | Condition<br>Date |
|------------|-----------|-------------------|
| jharimor   | None      | 6/28/2023         |