



SITE ASSESSMENT AND REMEDIATION WORK PLAN

Continental Com Fed #001 Battery

Incident ID: NDHR1913635865

API: 30-025-20912

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

JANUARY 7, 2025

PIMA ENVIRONMENTAL SERVICES

5614 Lovington Hwy, Hobbs, NM 88240



January 7, 2025

NMOCD District 2
811 S. First Street
Artesia, NM 88210

Re: Site Assessment, and Remediation Work Plan
Continental Com Fed #001 Battery
API No. 30-025-20912
GPS: Latitude 32.68409 Longitude -103.80346
UL -- O, Section 06, T19S, R32E
Lea County, NM
NMOCD Ref. No. NDHR1913635865

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to submit this remediation work plan for a crude oil release that occurred at the Continental Com Fed #001 Battery (Continental). The initial C-141 was submitted on March 26, 2019 (Appendix C). This incident was assigned Incident ID NDHR1913635865 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Continental is located approximately eleven (11) miles south of Maljamar, NM. This spill site is in Unit O, Section 06, Township 19S, Range 32E, Latitude 32.68409 Longitude -103.80346, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Continental (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 102 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 117 feet BGS. The closest waterway is a Salt Playa located approximately 8.73 miles to the east of this location. See Appendix A for referenced water surveys. This site will be classified under the <50' depth to groundwater due to the lack of groundwater data, per Talon's rejected work plan.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' Lack of GW	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Release Information

NDHR1913635865: On November 2, 2018, a hole developed on the bottom of an oil tank, causing fluid to be released. The released fluids were calculated to be approximately 15 barrels (bbls) of crude oil. A vacuum truck was able to recover 12 bbls of standing fluid.



Remediation Activities, Site Assessment, and Soil Sampling Results

On February 21, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

2/21/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - CONTINENTAL COM FEDERAL 1								
Sample Date: 2/21/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Countermeasures Due to Rejection (NMOCD Application ID: 274542)

On November 27, 2023, the NMOCD denied to remediation closure report citing:

The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NDHR1913635865, for the following reasons:

- Closure denied. Submitted closure report does not include details of remedial activities. A work plan dates January 21, 2020, was submitted to the OCD via the permitting portal. Initial soil samples included in the report indicated hydrocarbon impact exceeding closure criteria. For example, sample S-4 @ 4 feet had a total TPH of 33,710 mg/kg. The submitted work plan was rejected based on inadequate depth to groundwater. The submitted closure report was non-detect for all samples. Submit a report via the OCD permitting portal by February 19, 2024.

The rejected C-141 can be found in the OCD Online: Permitting – Application ID 274542. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

In response to the rejected closure report, Pima conducted research to find detailed information regarding the remedial activities that occurred. It was discovered that the site had been plugged and released on December 21, 2021. This would explain why all sample data collected on February 21, 2023, came back as non-detect. It is assumed that all contamination was removed and disposed of at the time of

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5614 N Lovington Hwy
Hobbs, NM 88240
575-964-7740



plugging and reclamation, but there is no supporting evidence or documentation available to substantiate that assumption. Pima proposes the following remediation activities to verify there is no contamination present:

Remediation Work Plan

1. Included in this remediation work plan is a Proposed Sampling Map (Figure 5) showing twelve (12) vertical samples and six (6) horizontal samples to be collected as delineation/exploration samples. These samples will represent a surface area of no more than 200 ft² and will be collected from surface, 1', 2', 3', and 4' bgs.
2. In the event that impact is encountered and samples come back over the regulatory limits, Devon Energy proposes to dig and haul contaminated soil to remediate/reclaim the site.
3. If the samples come back under the regulatory limits, Devon Energy is requesting a variance to use delineation samples as closure confirmation samples.

For questions or additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@devon.com.

Pima Environmental Services – DelRae Geller at 806-724-5391 or delrae@pimaoil.com

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Proposed Sampling Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



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Figures:

1-Location Map

2-Topographic Map

3-Karst Map


4-Site Map

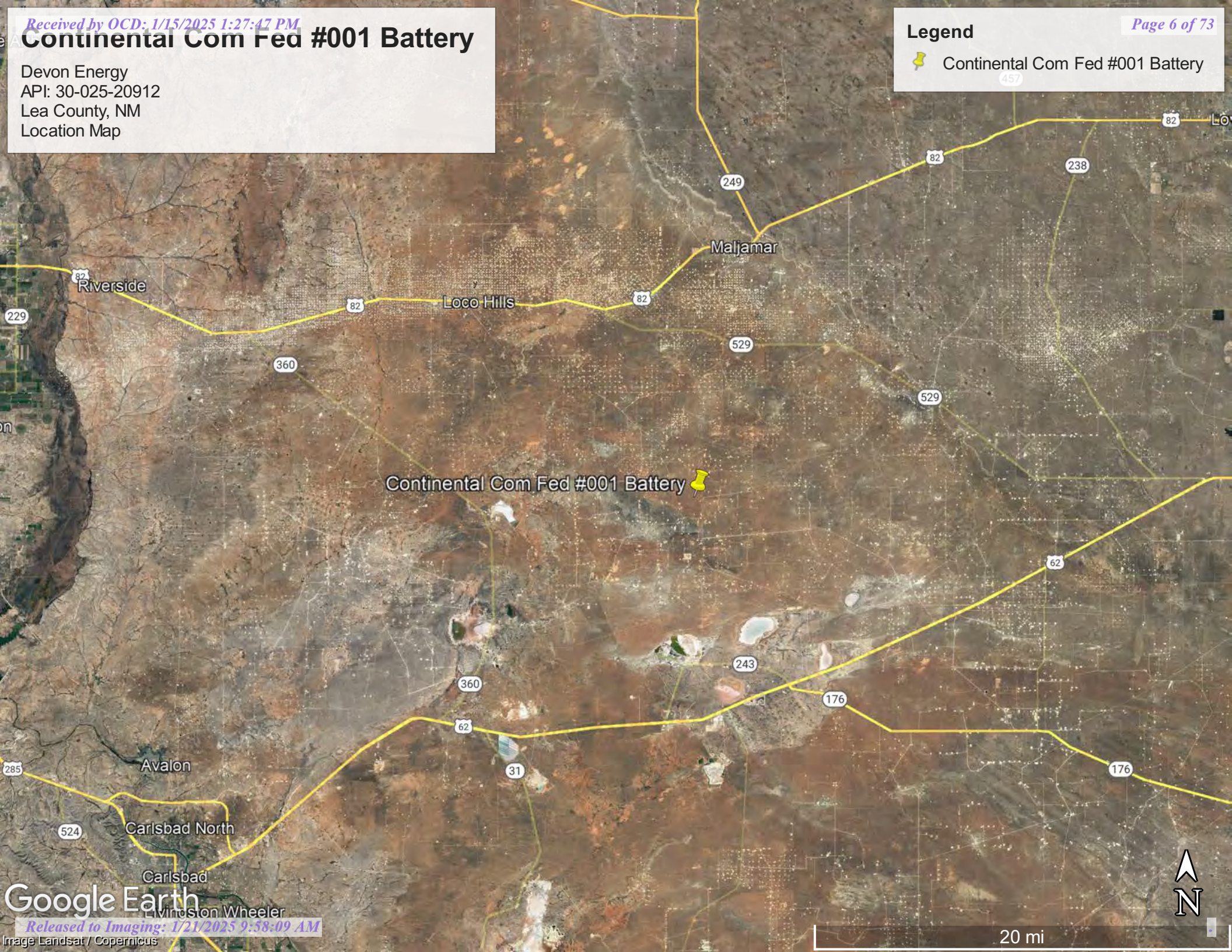
5-Proposed Sampling Map

Continental Com Fed #001 Battery

Devon Energy
API: 30-025-20912
Lea County, NM
Location Map

Legend

 Continental Com Fed #001 Battery



Google Earth




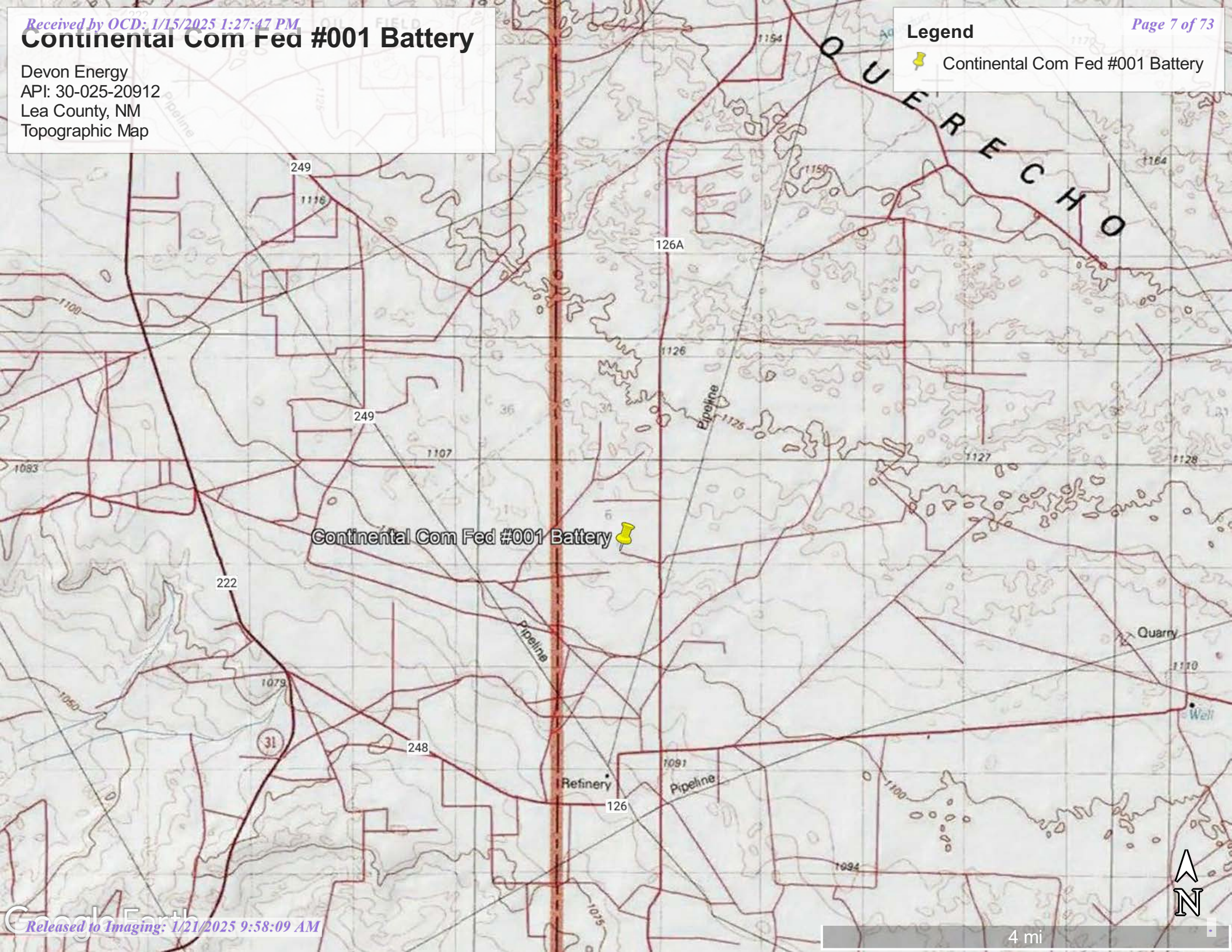
20 mi

Continental Com Fed #001 Battery

Devon Energy
API: 30-025-20912
Lea County, NM
Topographic Map

Legend




 Continental Com Fed #001 Battery



Continental Com Fed #001 Battery

Devon Energy
API: 30-025-20912
Lea County, NM
Karst Map

Legend

-  Continental Com Fed #001 Battery
-  High Karst
-  Low Karst
-  Medium Karst



Continental Com Fed #001 Battery

Devon Energy
API:30-025-20912
Lea County, NM
Site Map

Legend

- Composite Samples
- Composite Sidewalls
- Continental Com Fed #001 Battery
- Spill Area 11/2/2018

Continental Com Fed #001 Battery



100 ft

Google Earth

Continental Com Fed #001 Battery

Devon Energy
API: 30-025-20912
Lea County, NM
Proposed Sampling Map

Legend

- Bottom Soil Samples
- Release Area 2,300 sq ft
- Sidewall Soil Samples



Google Earth



80 ft



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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01938 POD1		CP	LE	1	4	1	32	18S	32E	613277	3619332	2671	51		
CP 01656 POD2		CP	LE	3	4	3	17	19S	32E	613364	3613648	3459	70		
CP 01656 POD1		CP	LE	3	4	3	17	19S	32E	613368	3613646	3462	70		
CP 01656 POD3		CP	LE	3	4	3	17	19S	32E	613374	3613633	3477	30		
CP 00563 POD1		CP	LE	1	1	2	19	19S	32E	612118	3613376*	3522	300		
CP 00640 POD1		CP	LE		2	2	19	19S	32E	612621	3613280*	3645	260	102	158
CP 00639 POD1		CP	LE		3	1	20	19S	32E	613029	3612880*	4107	350	345	5
CP 00849 POD1		CP	LE	3	1	3	35	18S	31E	608012	3618757*	4560	300		

Average Depth to Water: **223 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

Record Count: 8

UTM NAD83 Radius Search (in meters):

Easting (X): 612176.71

Northing (Y): 3616898

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.

2/12/23 7:38 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 324224103444101

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324224103444101 18S.32E.34.22200

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

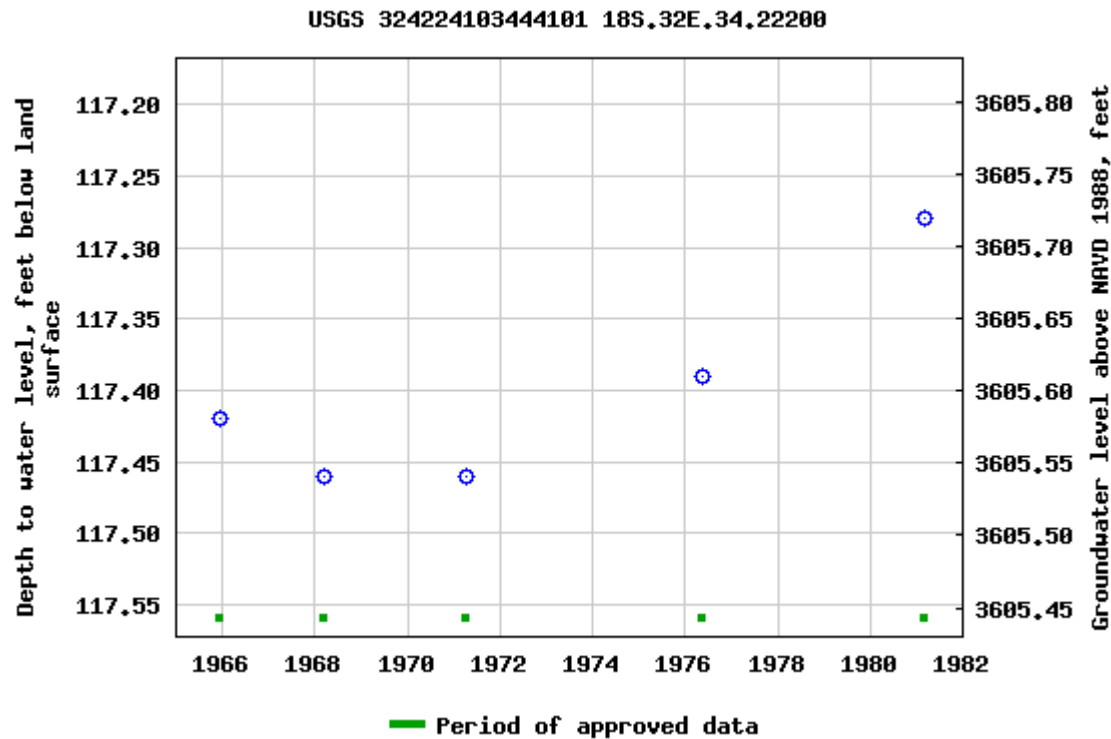
Latitude 32°42'24", Longitude 103°44'41" NAD27

Land-surface elevation 3,723 feet above NAVD88

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

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

Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-02-12 09:36:44 EST

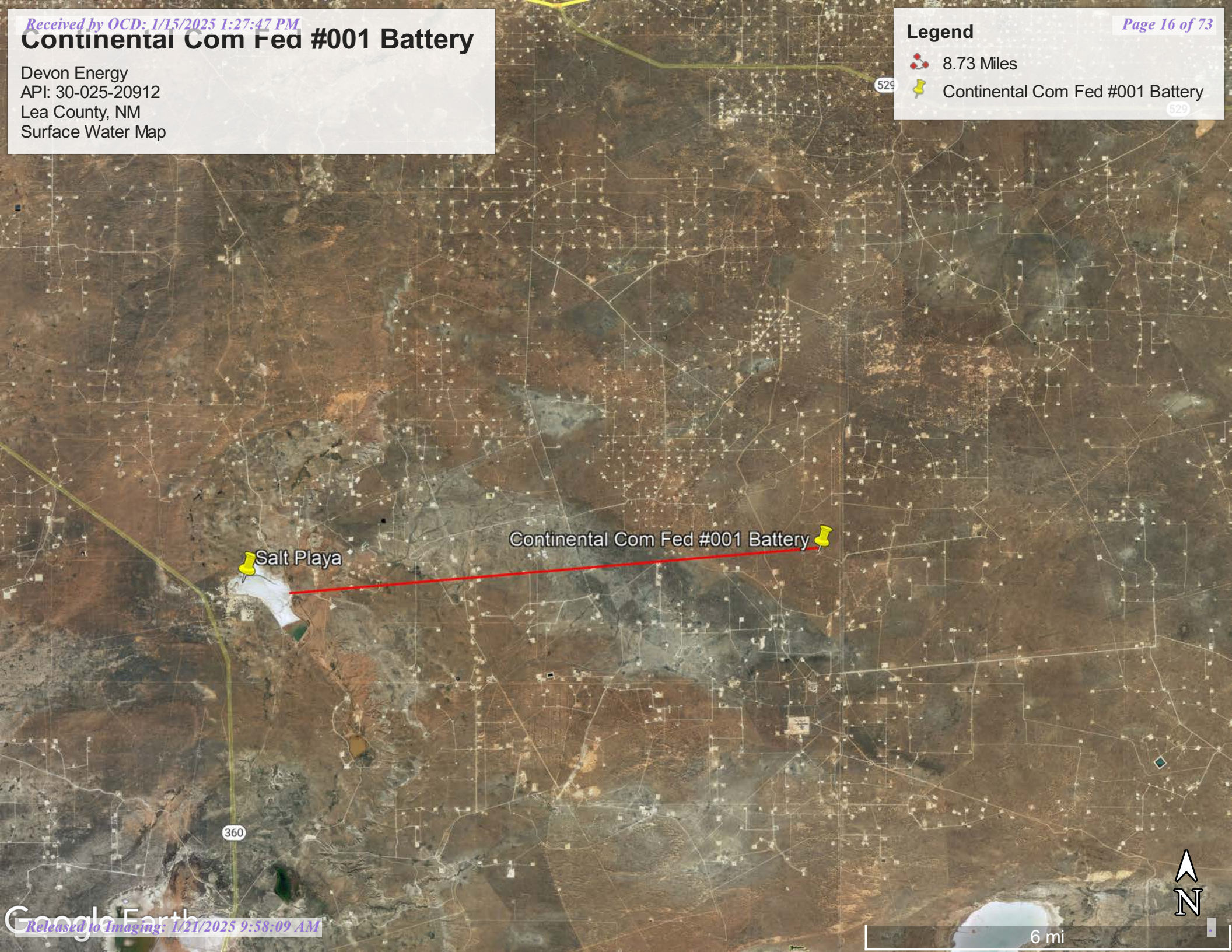
0.53 0.46 nadww01

Continental Com Fed #001 Battery

Devon Energy
API: 30-025-20912
Lea County, NM
Surface Water Map

Legend

- 8.73 Miles
- Continental Com Fed #001 Battery





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Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

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

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

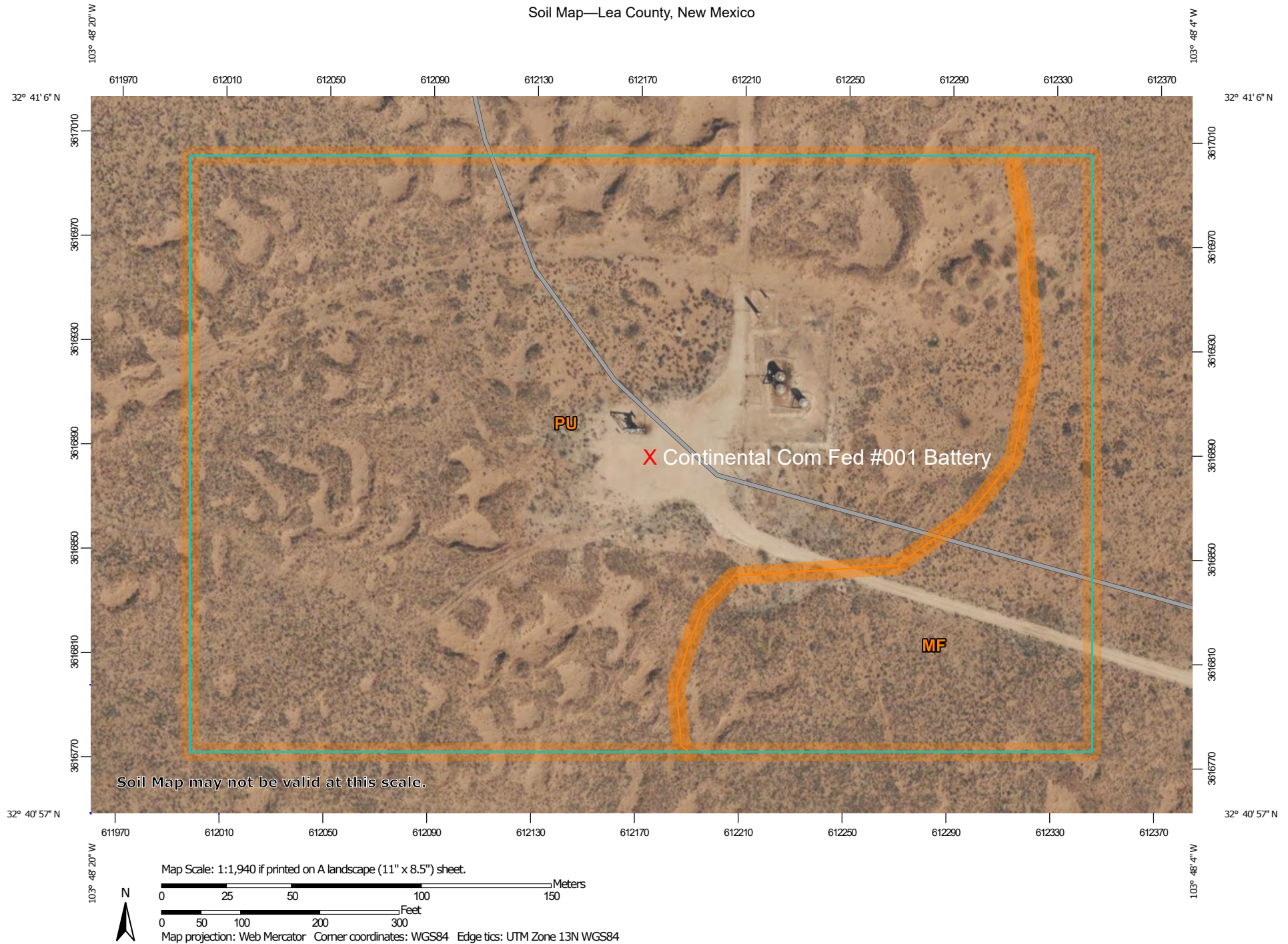
Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

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

Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/8/2025
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MF	Maljamar and Palomas fine sands, 0 to 3 percent slopes	3.9	20.0%
PU	Pyote and Maljamar fine sands	15.8	80.0%
Totals for Area of Interest		19.7	100.0%

National Flood Hazard Layer FIRMMette



103°48'31"W 32°41'18"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		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
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

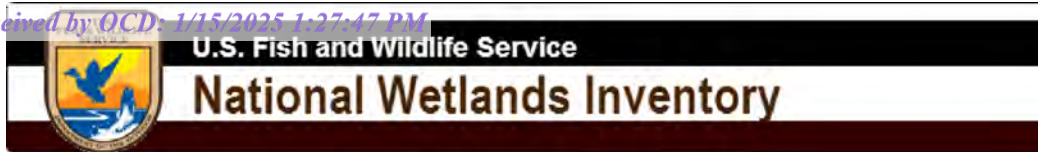


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/12/2023 at 9:39 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



February 12, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Pima Environmental Services

Appendix C

C-141 Form

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NDHR1913635865
District RP	1RP-5491
Facility ID	
Application ID	pDHR1913635318

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Amanda T. Davis	Contact Telephone 575-748-0176
Contact email amanda.davis@divn.com	Incident # (assigned by OCD) NDHR1913635865
Contact mailing address 6488 Seven Rivers HWY	

Location of Release Source

Latitude 32.68409 Longitude -103.80346
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Continental Com Fed #001 Battery	Site Type Oil
Date Release Discovered 11/02/2018	API# (if applicable) 30-025-20912

Unit Letter	Section	Township	Range	County
O	06	19S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 15	Volume Recovered (bbls) 12
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Hole developed in bottom of oil tank. 12 bbls recovered by vac truck.

Incident ID	NDHR1913635865
District RP	1RP-5491
Facility ID	
Application ID	pDHR1913635318

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.						
If all the actions described above have <u>not</u> been undertaken, explain why: 						
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.						
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.						
<table style="width: 100%;"> <tr> <td style="width: 50%;">Printed Name: <u>Kendra DeHoyos</u></td> <td style="width: 50%;">Title: <u>EHS Associate</u></td> </tr> <tr> <td>Signature: <u><i>Kendra DeHoyos</i></u></td> <td>Date: <u>3/26/2019</u></td> </tr> <tr> <td>email: <u>kendra.dehoyos@dvn.com</u></td> <td>Telephone: <u>575-748-3371</u></td> </tr> </table>	Printed Name: <u>Kendra DeHoyos</u>	Title: <u>EHS Associate</u>	Signature: <u><i>Kendra DeHoyos</i></u>	Date: <u>3/26/2019</u>	email: <u>kendra.dehoyos@dvn.com</u>	Telephone: <u>575-748-3371</u>
Printed Name: <u>Kendra DeHoyos</u>	Title: <u>EHS Associate</u>					
Signature: <u><i>Kendra DeHoyos</i></u>	Date: <u>3/26/2019</u>					
email: <u>kendra.dehoyos@dvn.com</u>	Telephone: <u>575-748-3371</u>					
OCD Only <table style="width: 100%;"> <tr> <td style="width: 50%;">Received by: <u>Dylan Rose-Coss</u></td> <td style="width: 50%;">Date: <u>05/16/2019</u></td> </tr> </table>	Received by: <u>Dylan Rose-Coss</u>	Date: <u>05/16/2019</u>				
Received by: <u>Dylan Rose-Coss</u>	Date: <u>05/16/2019</u>					

Incident ID	NDHR1913635865
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?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NDHR1913635865
District RP	
Facility ID	
Application ID	

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: _____ Date: _____

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Incident ID	NDHR1913635865
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 items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: _____ Date: _____

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
CONTINENTAL COM FEDERAL 1**

Site Assessment





Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Continental Com Fed #1 Batt

Work Order: E302103

Job Number: 01058-0007

Received: 2/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/28/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Continental Com Fed #1 Batt
Workorder: E302103
Date Received: 2/24/2023 7:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/24/2023 7:10:00AM, under the Project Name: Continental Com Fed #1 Batt.

The analytical test results summarized in this report with the Project Name: Continental Com Fed #1 Batt apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/28/23 08:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E302103-01A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S1-3'	E302103-02A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S1-4'	E302103-03A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S2-1'	E302103-04A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S2-3'	E302103-05A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S2-4'	E302103-06A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S3-1'	E302103-07A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S3-3'	E302103-08A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S3-4'	E302103-09A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S4-1'	E302103-10A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S4-3'	E302103-11A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S4-4'	E302103-12A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S5-1'	E302103-13A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S5-3'	E302103-14A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
S5-4'	E302103-15A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
SW1	E302103-16A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
SW2	E302103-17A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
SW3	E302103-18A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
SW4	E302103-19A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Continental Com Fed #1 Batt Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 2/28/2023 8:49:06AM
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S1-1'

E302103-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
<i>Surrogate: Bromofluorobenzene</i>	93.6 %	70-130		02/24/23	02/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	100 %	70-130		02/24/23	02/24/23	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
<i>Surrogate: Bromofluorobenzene</i>	93.6 %	70-130		02/24/23	02/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	100 %	70-130		02/24/23	02/24/23	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
<i>Surrogate: n-Nonane</i>	115 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S1-3'

E302103-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	101 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	101 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S1-4'

E302103-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	106 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S2-1'

E302103-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	112 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S2-3'

E302103-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	113 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S2-4'

E302103-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	115 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S3-1'

E302103-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	106 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S3-3'

E302103-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.2 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.2 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	106 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S3-4'

E302103-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	113 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S4-1'

E302103-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	112 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S4-3'

E302103-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	113 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S4-4'

E302103-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	113 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S5-1'

E302103-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	109 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S5-3'

E302103-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

S5-4'

E302103-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

SW1

E302103-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	112 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/24/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

SW2

E302103-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	104 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/27/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

SW3

E302103-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	90.9 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	105 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/27/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Continental Com Fed #1 Batt
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/28/2023 8:49:06AM

SW4

E302103-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2308040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/24/23	02/24/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		02/24/23	02/24/23	
Surrogate: Toluene-d8	103 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2308047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/25/23	
Surrogate: n-Nonane	111 %	50-200		02/24/23	02/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2308048
Chloride	ND	20.0	1	02/24/23	02/27/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/28/2023 8:49:06AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2308040-BLK1)

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2308040-BS1)

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.0	70-130			
Toluene	2.36	0.0250	2.50		94.2	70-130			
o-Xylene	2.44	0.0250	2.50		97.4	70-130			
p,m-Xylene	4.84	0.0500	5.00		96.8	70-130			
Total Xylenes	7.28	0.0250	7.50		97.0	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2308040-MS1)

Source: E302103-07

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	2.14	0.0250	2.50	ND	85.4	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.1	45-135			
Toluene	2.28	0.0250	2.50	ND	91.4	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.2	43-135			
p,m-Xylene	4.68	0.0500	5.00	ND	93.7	43-135			
Total Xylenes	7.06	0.0250	7.50	ND	94.2	43-135			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2308040-MSD1)

Source: E302103-07

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	2.10	0.0250	2.50	ND	84.1	48-131	1.49	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135	0.950	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	0.153	24	
o-Xylene	2.35	0.0250	2.50	ND	94.2	43-135	1.04	27	
p,m-Xylene	4.66	0.0500	5.00	ND	93.1	43-135	0.578	27	
Total Xylenes	7.01	0.0250	7.50	ND	93.5	43-135	0.732	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/28/2023 8:49:06AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308040-BLK1)

Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2308040-BS2)

Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2308040-MS2)

Source: E302103-07

Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike Dup (2308040-MSD2)

Source: E302103-07

Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	3.46	20	
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/28/2023 8:49:06AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308047-BLK1)					Prepared: 02/24/23 Analyzed: 02/25/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	50-200			

LCS (2308047-BS1)					Prepared: 02/24/23 Analyzed: 02/25/23				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

Matrix Spike (2308047-MS1)					Source: E302103-01		Prepared: 02/24/23 Analyzed: 02/25/23		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Matrix Spike Dup (2308047-MSD1)					Source: E302103-01		Prepared: 02/24/23 Analyzed: 02/25/23		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	1.50	20	
Surrogate: n-Nonane	53.9		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/28/2023 8:49:06AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2308048-BLK1)					Prepared: 02/24/23 Analyzed: 02/24/23				
Chloride	ND	20.0							
LCS (2308048-BS1)					Prepared: 02/24/23 Analyzed: 02/24/23				
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2308048-MS1)					Source: E302103-01		Prepared: 02/24/23 Analyzed: 02/24/23		
Chloride	247	20.0	250	ND	98.7	80-120			
Matrix Spike Dup (2308048-MSD1)					Source: E302103-01		Prepared: 02/24/23 Analyzed: 02/24/23		
Chloride	247	20.0	250	ND	98.9	80-120	0.200	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Continental Com Fed #1 Batt	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/28/23 08:49

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: <u>Continental Com Fed #1 Bath</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>1-243</u>					Lab Use Only Lab WO# <u>E 302103</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA State NM CO UT AZ TX <u>X</u>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
9:15	2/21/23	S	1	S1-1'	1							X								
9:20				S1-3'	2															
9:25				S1-4'	3															
9:30				S2-1'	4															
9:35				S2-3'	5															
9:40				S2-4'	6															
9:45				S3-1'	7															
9:50				S3-3'	8															
9:55				S3-4'	9															
10:00				S4-1'	10															
Additional Instructions: <u>Billing Number: NONE</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benandez</u>																				
Relinquished by: (Signature) <u>AB</u>		Date <u>2-22-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Miaelle Cuyts</u>		Date <u>2-22-23</u>	Time <u>1400</u>	Lab Use Only Received on ice: <u>Y</u> / N												
Relinquished by: (Signature) <u>Miaelle Cuyts</u>		Date <u>2-22-23</u>	Time <u>1645</u>	Received by: (Signature) <u>Lorenzo Lei</u>		Date <u>2-23-23</u>	Time <u>1700</u>	T1 T2 T3												
Relinquished by: (Signature) <u>Lorenzo Lei</u>		Date <u>2-23-23</u>	Time <u>2000</u>	Received by: (Signature) <u>Devin Zanzi</u>		Date <u>02/24/23</u>	Time <u>7:10</u>	AVG Temp °C <u>4.0</u>												
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																				
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Continental Com Fed #1 BATT</u>					Attention: <u>Devon</u>		Lab WO# <u>E 302103</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>580-748-1613</u>					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>1-243</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
10:05	2/21/22	S	1	S4-3'	11							X				
10:10				S4-4'	12											
10:15				S5-1'	13											
10:20				S5-3'	14											
10:25				S5-4'	15											
10:30				SW1	16											
10:35				SW2	17											
10:40				SW3	18											
10:45				SW4	19											
Additional Instructions: <u>Billing Number: NONE</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavidez</u>																
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.																
Relinquished by: (Signature) <u>AB</u>		Date <u>2-22-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Camp</u>		Date <u>2-22-23</u>	Time <u>1400</u>	Lab Use Only								
Relinquished by: (Signature) <u>Michelle Camp</u>		Date <u>2-22-23</u>	Time <u>1645</u>	Received by: (Signature) <u>Lorenzo Lei</u>		Date <u>2-23-23</u>	Time <u>1700</u>	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature) <u>Lorenzo Lei</u>		Date <u>2-23-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Drew Jago</u>		Date <u>2/24/24</u>	Time <u>7:10</u>	T1 _____ T2 _____ T3 _____								
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																


envirotech

Envirotech Analytical Laboratory

Printed: 2/24/2023 9:00:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/24/23 07:10	Work Order ID:	E302103
Phone:	(575) 631-6977	Date Logged In:	02/23/23 15:21	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	03/01/23 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 421083

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421083
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1913635865
Incident Name	NDHR1913635865 CONTINENTAL COM FEDERAL #001 @ 30-025-20912
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-20912] CONTINENTAL COM FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	CONTINENTAL COM FEDERAL #001
Date Release Discovered	11/02/2018
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 15 BBL Recovered: 12 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 421083

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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	Name: James Raley Title: EHS Professional Email: jim.raley@dnv.com Date: 01/15/2025
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QUESTIONS, Page 3

Action 421083

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 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 ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
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 information 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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	0
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 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/15/2025
On what date will (or did) the final sampling or liner inspection occur	02/25/2025
On what date will (or was) the remediation complete(d)	02/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	2300
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2300
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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 4

Action 421083

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	If any soils found to be above closure criteria they will be removed and transported to approved disposal.
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 01/15/2025
<i>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.</i>	

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Action 421083

QUESTIONS (continued)

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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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Action 421083

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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	No

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CONDITIONS

Action 421083

CONDITIONS

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	Action Number: 421083
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation work plan approved.	1/21/2025
amaxwell	Submit a report via the OCD permitting portal by April 21, 2025.	1/21/2025