Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*		
Length(Ft)	Width(Ft)	Depth(In)
75.000	50.000	1.000
Cubic Feet Impacted		312.500
Barrels		55.65
Soil Type		Lined Containment
Bbls Assuming 100% Saturation		55.65
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		55.70000

Instructions
1.Input spill measurements below. Length and width need to be input in feet and depth in inches. *2. Select a soil type from the drop down menu.* *3. Select a saturation level from the drop down menu.*
(For data gathering instructions see appendix tab)

Measurements	
Length (ft)	75
Width (ft)	50
Depth (in)	1.000

Pima Environmental Services
5614 N. Lovington Highway
Hobbs, NM 88240
575-964-7740

May 9, 2024

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

RE: Liner Inspection and Closure Report
MC State #005 Battery
API No. N/A
GPS: Latitude 32.81970 Longitude -104.14630
UL- J, Section 23, Township 17S, Range 28E
NMOCD Reference No. NAPP2317038502

Spur Energy Partners (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for the release of produced water that happened on the MC State #005 Battery (MC). The incident, assigned Incident ID NAPP2317038502 by the New Mexico Oil Conservation Division (NMOCD), was initially reported through a C-141 submitted on June 19, 2023.

Site Information and Site Characterization

The MC is located approximately 9.88 miles west of Loco Hills, NM. This spill site is in Unit J, Section 23, Township 17S, Range 28E, Latitude 32.81970 Longitude -104.14630, Eddy County, NM. A Location Map can be found in Figure 1.

As per the New Mexico Bureau of Geology and Mineral Resources, the geological classification encompasses Older alluvial deposits of upland and piedmont areas, and calcic soil and eolian cover sediment of High Plains region (Middle to lower Pleistocene) detailed in Appendix B. The soil composition in this vicinity predominantly consists of the Simona gravelly fine sandy loam, 0 to 3 percent sloped, eroded, as indicated in the United States Department of Agriculture Natural Resources Conservation Service soil survey (refer to Appendix B). Drainage courses in this area are characterized as well-drained. Notably, the geographical data suggests a great likelihood of low karst geology in the vicinity of MC (refer to Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures 58 feet below grade surface (BGS), positioned roughly 1.51 miles away from the MC, drilled on September 28, 2015. Conversely, as per the United States Geological Survey well water data, the nearest groundwater depth in this region is recorded at 45 feet BGS, situated approximately 0.58 miles away from the MC, with the last gauge conducted on December 1, 1948. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Additionally, a comprehensive Topographic Map is available for reference in Figure 2. A water well location map is available for reference in Figure 4.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50’ (No GW Data)	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

Release Information

NAPP2317038502: On June 17, 2023, a disconnection in the transfer pump resulted in the tank overflowing, releasing approximately 56 barrels of produced water. The majority of the spill was contained within the lined containment, with a minor overflow onto the engineered pad. Successful remediation efforts facilitated the recovery of approximately 45 barrels of produced water, while the remaining 11 barrels were effectively retrieved using a vacuum truck. The impacted area outside the lined containment measured approximately 900 square feet.

A Site Map can be found in Figure 5.

Site Assessment and Soil Sampling Results

On April 29, 2024, after submitting a 48-hour notification, Pima Environmental Services commenced mobilizing personnel to the site for delineation activities. Our team conducted sampling procedures, covering the area from the point of release to the easternmost extent of the release. The impacted area outside the lined containment measured approximately 900 square feet.

For vertical delineation, a total of three bottom samples (S1-S3) were collected, while four side wall samples (NSW, ESW, SSW, WSW) were acquired for horizontal delineation. Bottom samples (S1-S3) were gathered at depths ranging from surface levels down to two feet below ground surface (bgs), and side wall samples (NSW, ESW, SSW, WSW) were collected at six inches. The detailed laboratory results from this sampling event are presented in the accompanying data table. For further reference, a comprehensive laboratory report can be located in Appendix E.

4-29-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - MC State 5 Battery								
4/29/2024		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
S1-1'	1'	ND	ND	ND	ND	ND	0	ND
S1-2'	2'	ND	ND	ND	ND	ND	0	ND
S2-1'	1'	ND	ND	ND	ND	ND	0	ND
S2-2'	2'	ND	ND	ND	ND	ND	0	ND
S3-1'	1'	ND	ND	ND	ND	ND	0	ND
S3-2'	2'	ND	ND	ND	ND	ND	0	ND
NSW	6"	ND	ND	ND	ND	ND	0	ND
ESW	6"	ND	ND	ND	ND	ND	0	ND
SSW	6"	ND	ND	ND	ND	ND	0	ND
WSW	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

From February 7 to February 14, 2024, Pima deployed its workforce to the MC site with the objective of excavating the affected region. The excavation involved a comprehensive scrape of the stained area through overlapping soil samples S1 to S3, reaching a depth of 2-3 inches below ground surface (bgs). Concurrently, a hand shoveling crew removed the impacted gravel within the lined containment. The affected area within the lined containment spanned approximately 700 square feet, resulting in the removal of approximately 6 cubic yards of contaminated material. Outside the lined containment, the stained area measured around 900 square feet, and approximately 5.6 cubic yards of material were extracted. All contaminated materials were safely transported to Lea Land, an NMOCD-approved disposal facility.

Following the removal of all contaminated gravel within the affected region inside the lined containment, a power washer was employed to clean any remaining oil or residue from the exposed plastic liner. A vacuum truck was utilized to extract the standing fluid, and this procedure was repeated until all oil residue was effectively eliminated. Subsequently, the area underwent inspection for tears and rips, and clean gravel was transported in to replace the impacted section.

Liner Inspection

On February 12, 2024, Spur personnel submitted a notification for a liner inspection, providing the required 48-hour notice. The 48-hour notification can be found in Appendix C.

On February 14, 2024, Pima Environmental conducted a liner inspection at this location. We concluded that this liner and containment maintained its integrity and was able to retain the fluids. The liner inspection form and photographic documentation can be found in Appendix C.

Closure Request

After careful review, Pima requests that this incident NAPP2317038502 be closed. Spur has complied with the applicable closure requirements.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or sebastian@pimaoil.com.

Respectfully,

Sebastian Orozco

Sebastian Orozco
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Water Well Location Map
5- Site Map

Appendices:
Appendix A- Referenced Water Surveys
Appendix B- Soil Survey and Geological Map
Appendix C- 48 Hour Notification
Appendix D- Liner Inspection Form & Photographic Documentation
Appendix E- Laboratory Reports

Pima Environmental Services

Figures:

1 - Location Map

2 - Topographic Map

3 - Karst Map

4- Water Well Location Map

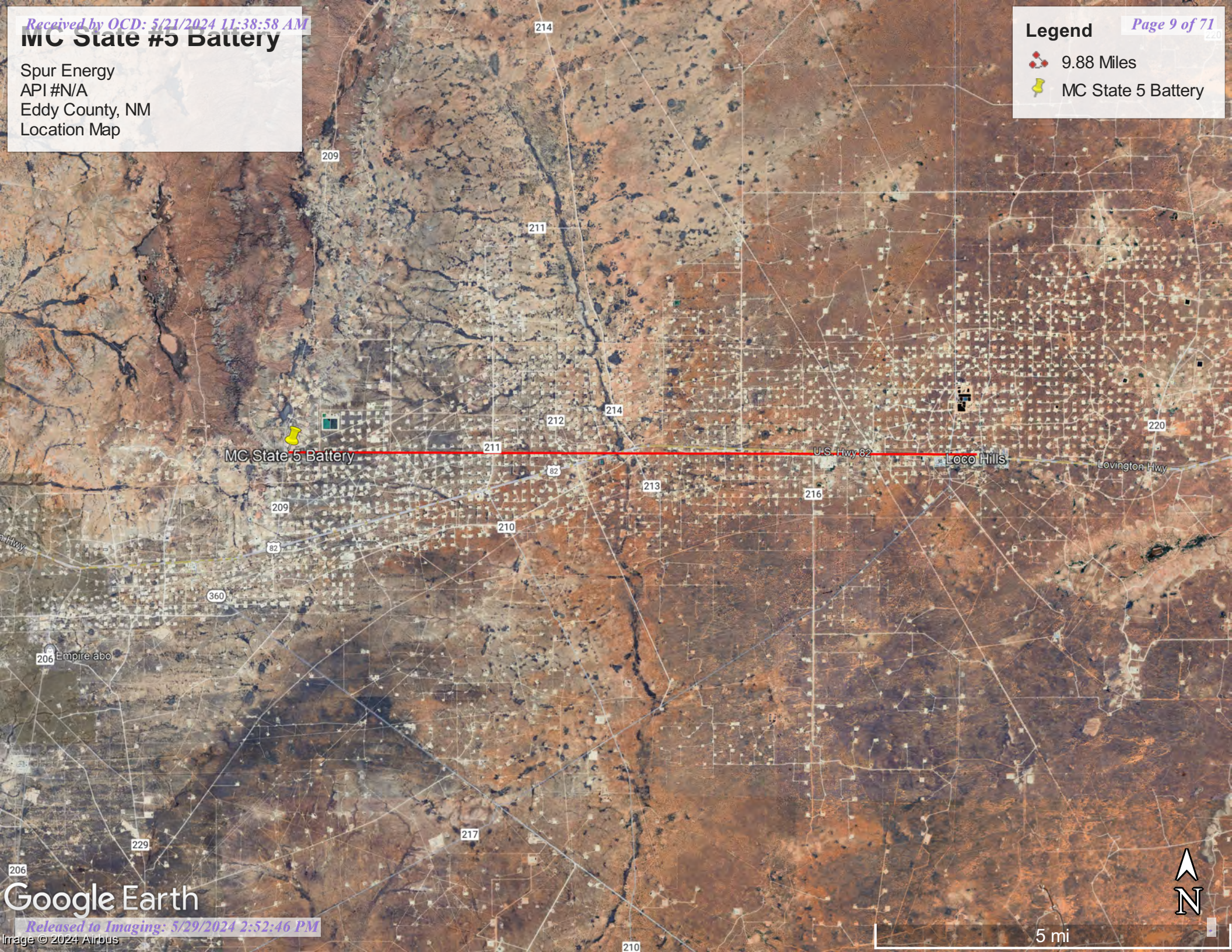
5- Site Map

MC State #5 Battery

Spur Energy
API #N/A
Eddy County, NM
Location Map

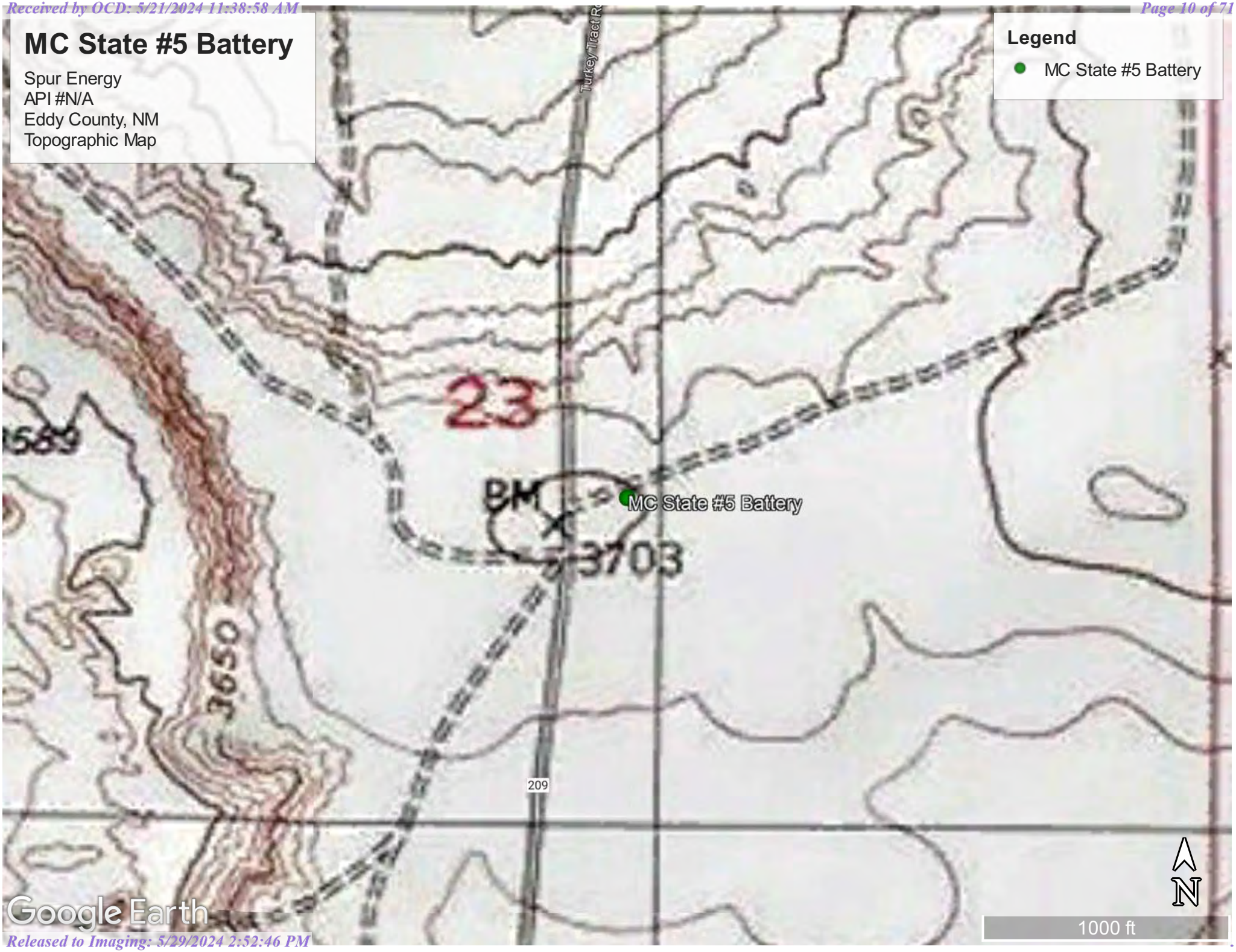
Legend

- 9.88 Miles
- MC State 5 Battery



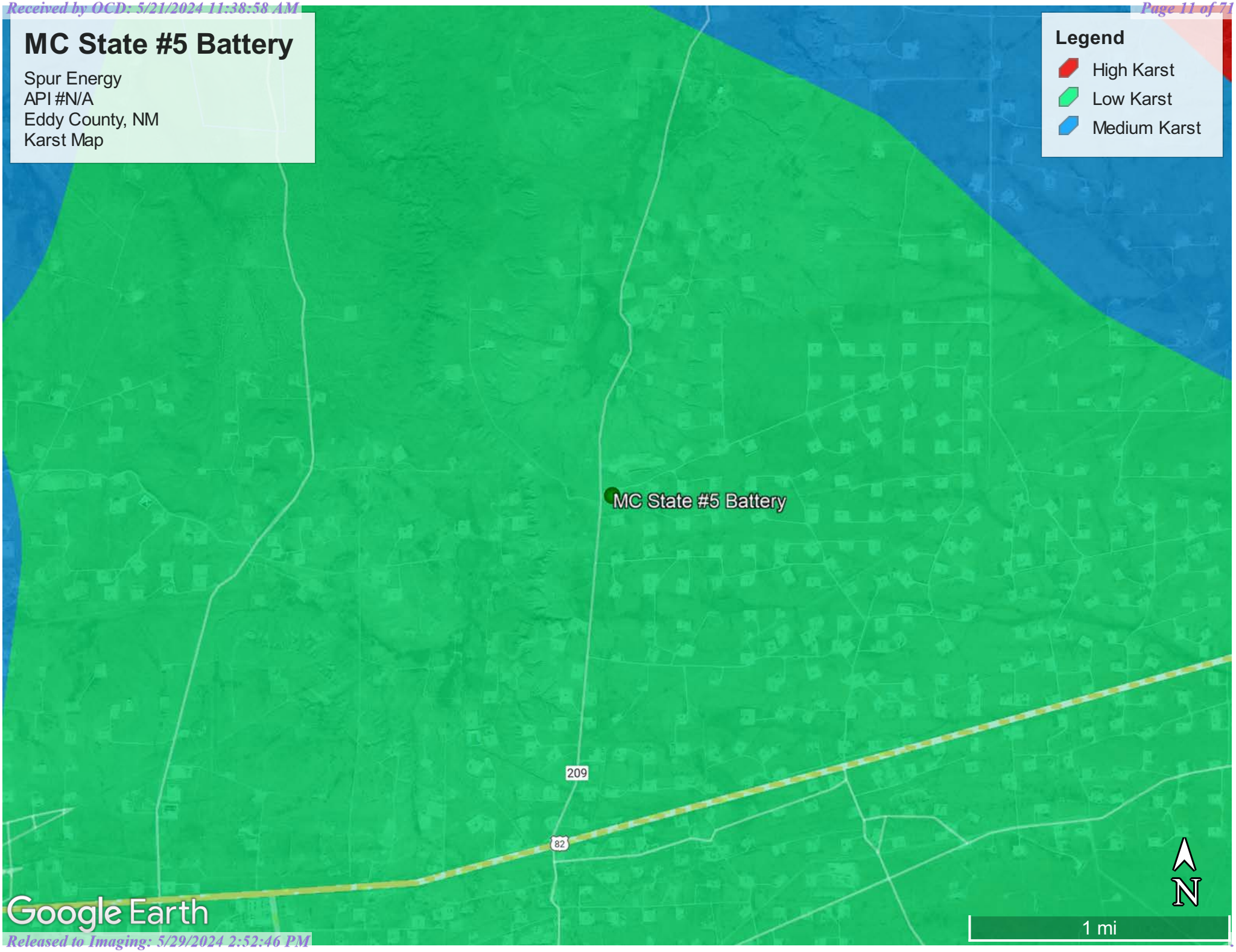
MC State #5 Battery

Spur Energy
API #N/A
Eddy County, NM
Topographic Map



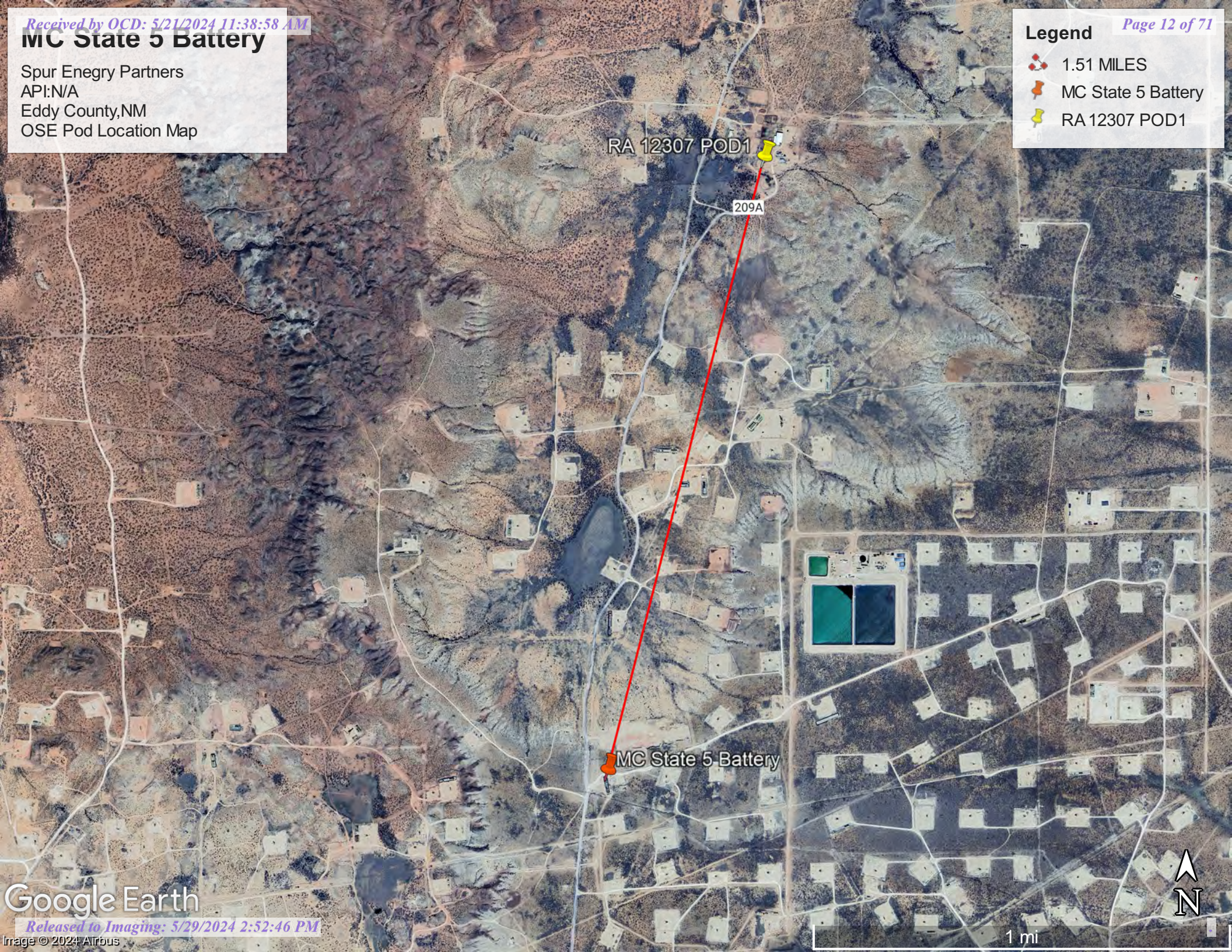
MC State #5 Battery

Spur Energy
API #N/A
Eddy County, NM
Karst Map



MC State 5 Battery

Spur Enegry Partners
API:N/A
Eddy County,NM
OSE Pod Location Map



MC State 5 Battery

Spur Enegry Partners
API:N/A
Eddy County,NM
USGS Location Map

Legend

- 0.58MILES
- MC State 5 Battery
- USGS 324858104091901

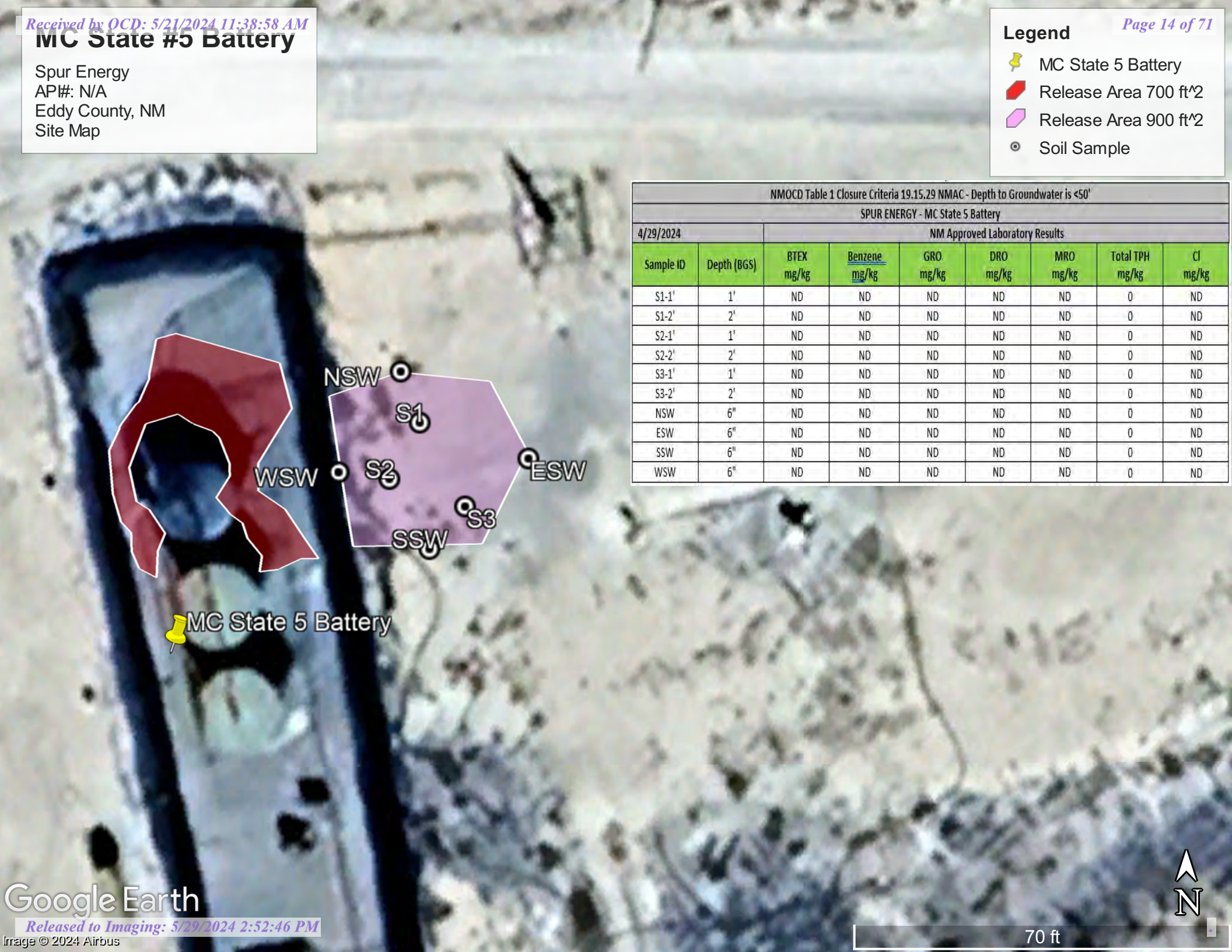
MC State #5 Battery

Spur Energy
API#: N/A
Eddy County, NM
Site Map

Legend

- MC State 5 Battery
- Release Area 700 ft^2
- Release Area 900 ft^2
- Soil Sample

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - MC State 5 Battery								
4/29/2024		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
S1-1'	1'	ND	ND	ND	ND	ND	0	ND
S1-2'	2'	ND	ND	ND	ND	ND	0	ND
S2-1'	1'	ND	ND	ND	ND	ND	0	ND
S2-2'	2'	ND	ND	ND	ND	ND	0	ND
S3-1'	1'	ND	ND	ND	ND	ND	0	ND
S3-2'	2'	ND	ND	ND	ND	ND	0	ND
NSW	6"	ND	ND	ND	ND	ND	0	ND
ESW	6"	ND	ND	ND	ND	ND	0	ND
SSW	6"	ND	ND	ND	ND	ND	0	ND
WSW	6"	ND	ND	ND	ND	ND	0	ND



Pima Environmental Services

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	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 12307 POD1		RA	ED	4	2	2	14	17S	28E	580495	3633981	2430	140	58	82

Average Depth to Water: **58 feet**

Minimum Depth: **58 feet**

Maximum Depth: **58 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 579913 **Northing (Y):** 3631621.25 **Radius:** 5000

7/5/23 12:35 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews 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 =

- 324857104091901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

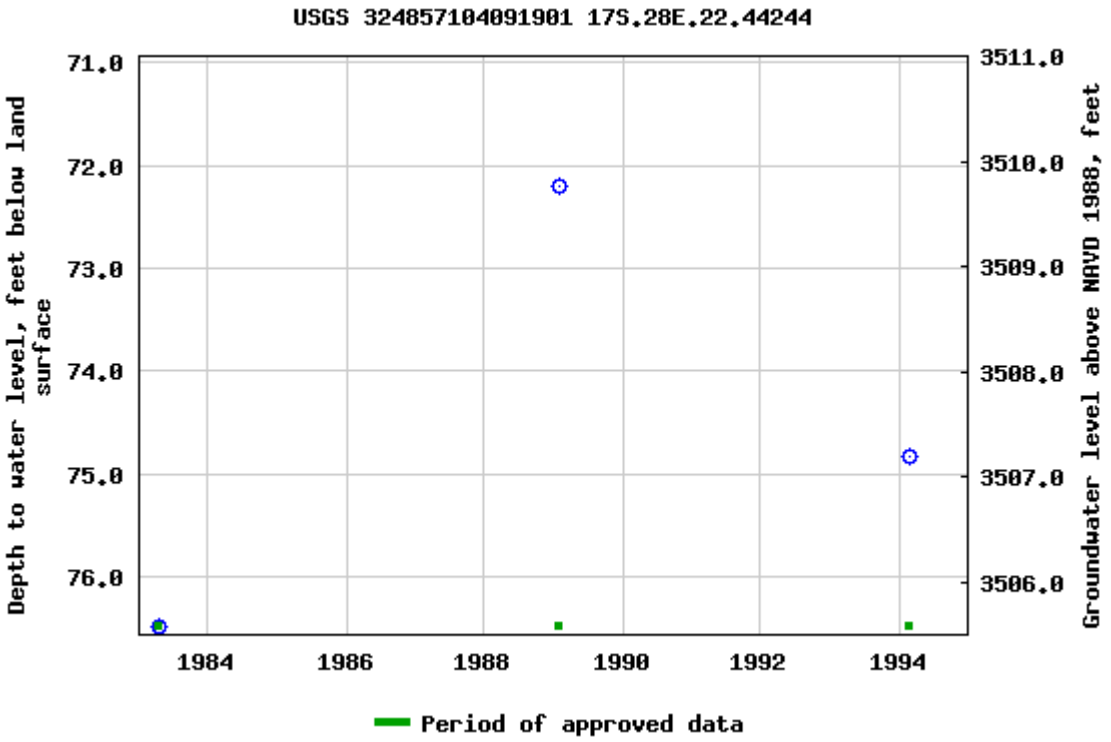
USGS 324857104091901 17S.28E.22.44244

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060007
Latitude 32°48'57", Longitude 104°09'19" NAD27
Land-surface elevation 3,582 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the San Andres Limestone (313SADR) 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.
Download a presentation-quality graph

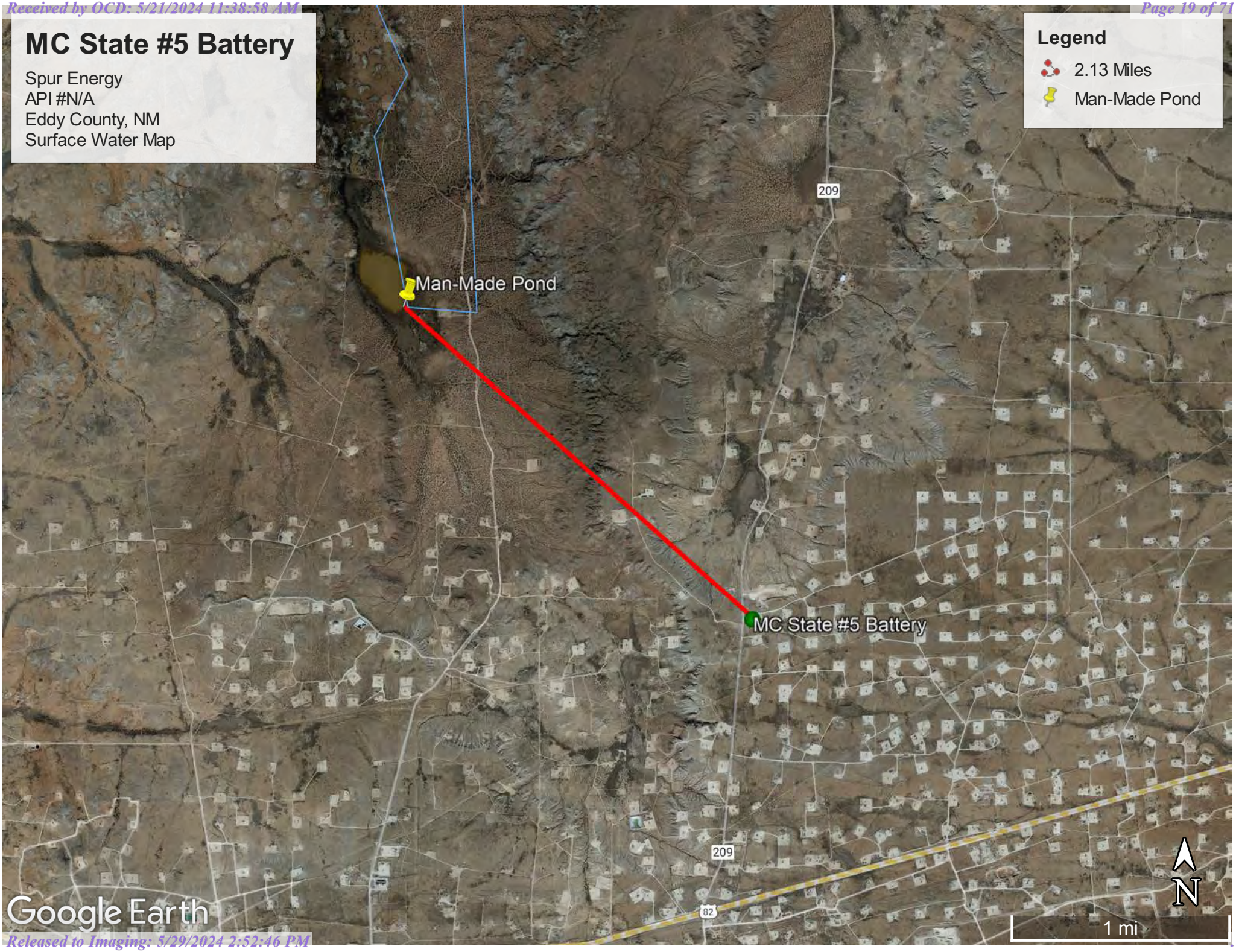
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2023-07-05 14:38:22 EDT
0.53 0.46 nadww01

MC State #5 Battery

Spur Energy
API #N/A
Eddy County, NM
Surface Water Map



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Eddy Area, New Mexico

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5w
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 4 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Playa

Percent of map unit: 1 percent
Landform: Playas
Landform position (three-dimensional): Talf
Down-slope shape: Concave, convex
Across-slope shape: Concave, linear
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: Yes

Data Source Information

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

Soil Map—Eddy Area, New Mexico

Map Scale: 1:1,250 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

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: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

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

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

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

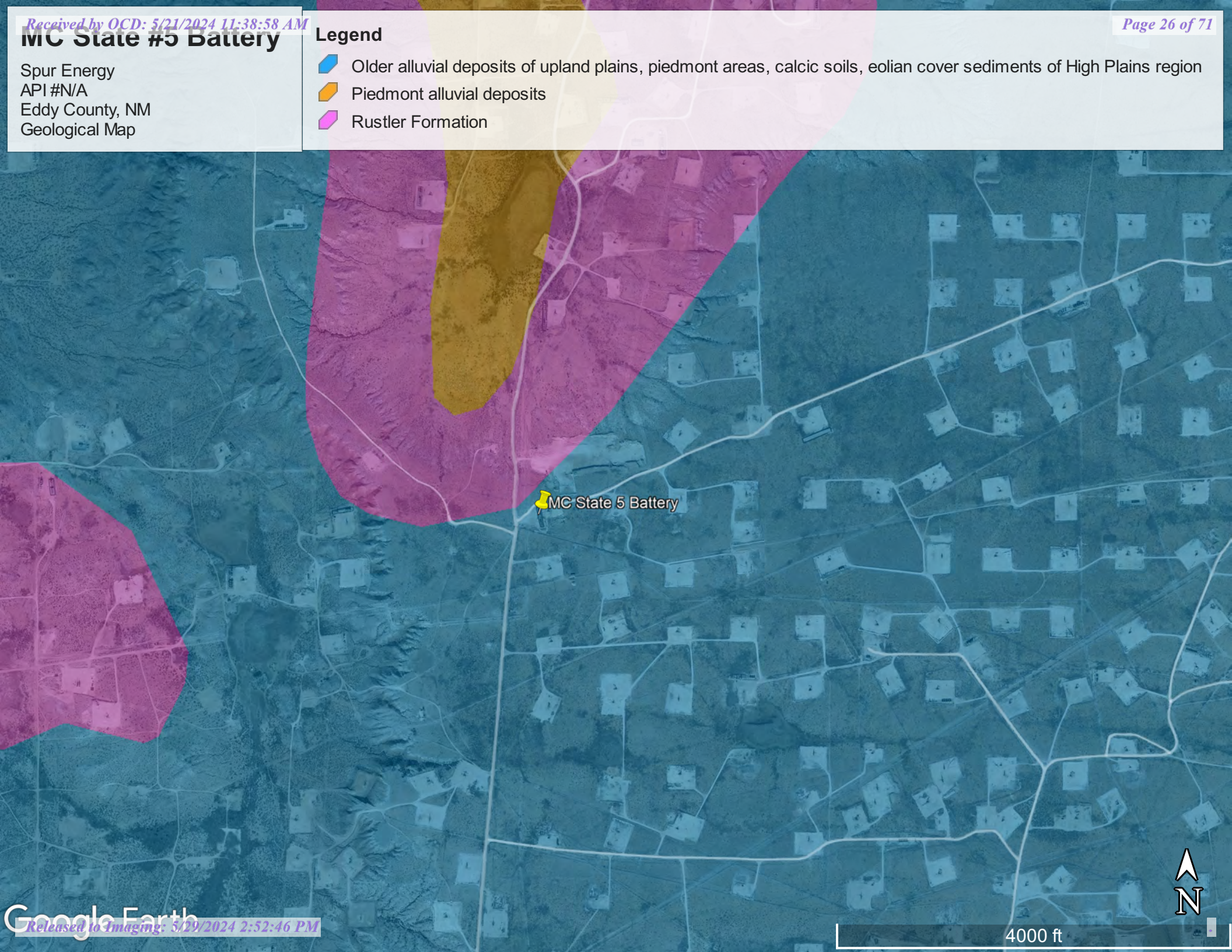
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	7.2	100.0%
Totals for Area of Interest		**7.2**	**100.0%**

MC State #5 Battery

Spur Energy
API #N/A
Eddy County, NM
Geological Map

Legend

- Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
- Piedmont alluvial deposits
- Rustler Formation



National Flood Hazard Layer FIRMette

FEMA

104°9'5"W 32°49'26"N

104°8'28"W 32°48'55"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 7/5/2023 at 2:41 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

July 5, 2023

Wetlands_Alaska

- 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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Pima Environmental Services

Appendix C

48-Hour Notification

Sebastian@pimaoil.com

From: OCDOnline@state.nm.us
Sent: Monday, February 12, 2024 12:11 PM
To: sebastian@pimaoil.com
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 313517

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2317038502.

The liner inspection is expected to take place:

When: 01/14/2024 @ 15:00
Where: J-23-17S-28E 0 FNL 0 FEL (32.81971,-104.14631)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: From Loco Hills, NM head west on US-82 towards Hagerman Cutoff Rd and continue for 10.1 miles. Make a right hand turn onto Turkey Trac Rd and continue north for 1.4 miles. Make a right-hand turn and continue for 225 feet. You have arrived at the MC State 5 battery.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.**

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

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

OCD Permitting

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	337620	**Districts:**	Artesia
Operator:	[328947] Spur Energy Partners LLC	**Counties:**	Eddy
Description:	Spur Energy Partners LLC [328947] , MC STATE #005 BATTERY , nAPP2317038502		
Status:	APPROVED		
Status Date:	04/25/2024		
References (1):	nAPP2317038502		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	**nAPP2317038502**
Incident Name	**NAPP2317038502 MC STATE #005 BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**

Location of Release Source

Site Name	**MC STATE #005 BATTERY**
Date Release Discovered	**06/17/2023**
Surface Owner	**State**

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	906
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2024
Time sampling will commence	10:30 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Andrew Franco 806-200-0054
Please provide any information necessary for navigation to sampling site	From Loco Hills, NM head west on US-82 W towards Hagerman Cutoff Rd and continue for approximately 10.1 onto Turkey Tract Rd and continue North for approximately 1.4 miles. Make a right hand turn onto an unnamed continue east for 341 feet.

Comments

No comments found for this submission.

Conditions

Summary: *pima (4/25/2024),* Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back

Pima Environmental Services

Appendix D

Liner Inspection Form

Photographic Documentation

Pima Environmental Services, LLC

Liner Inspection Form

Company Name: Spur Energy

Site: MC State #005 Battery

Lat/Long: 32.81970,-104.14630

NMOCD Incident ID & Incident Date: NAPP2317038502 06/17/2023

2-Day Notification Sent: via OCD Portal by Sebastian Orozco 02/12/2024

Inspection Date: 02/14/2024

Liner Type: Earthen w/liner | Earthen no liner | Polystar | Steel w/poly liner | Steel w/spray epoxy | No Liner

Other:

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?	X		The inspection images of the liner reveal residual fluid resulting from the remediation event involving power washing.
Does the liner have integrity to contain a leak?	X		

Comments:

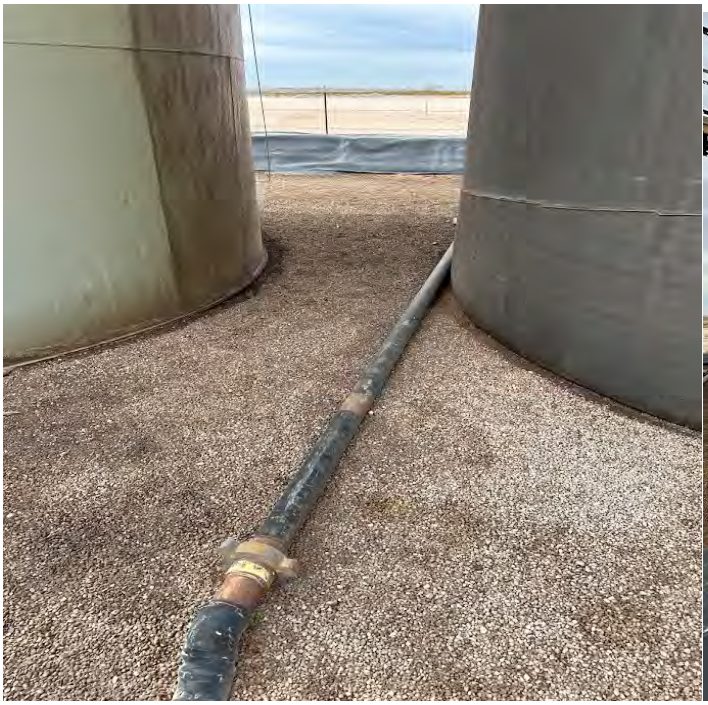
Inspector Name: Andrew Franco Inspector Signature: Andrew Franco

SPUR ENEGRY PARTNERS

MC STATE #5 BATTERY

SITE PHOTOGRAPHS

PRE REMEDIATION-

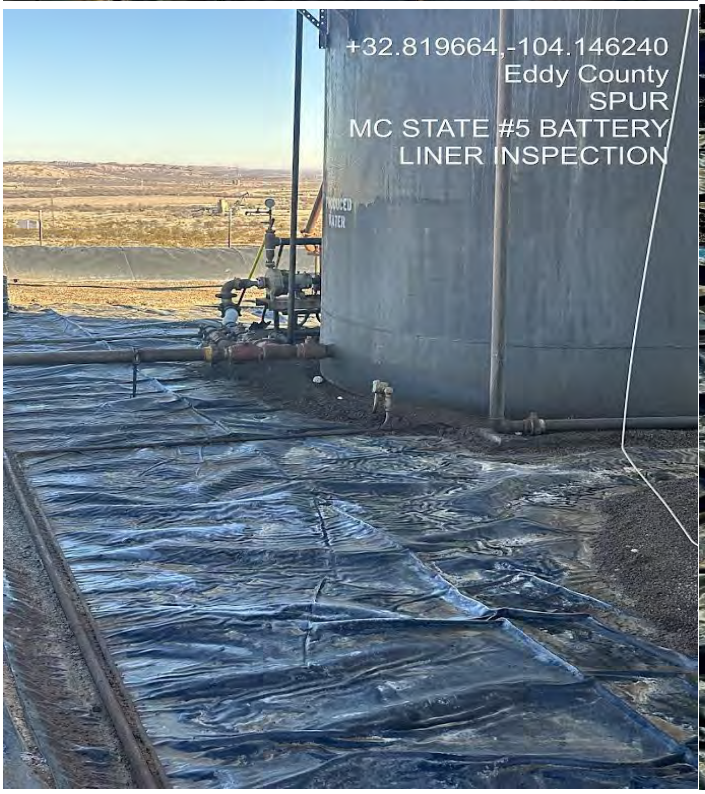


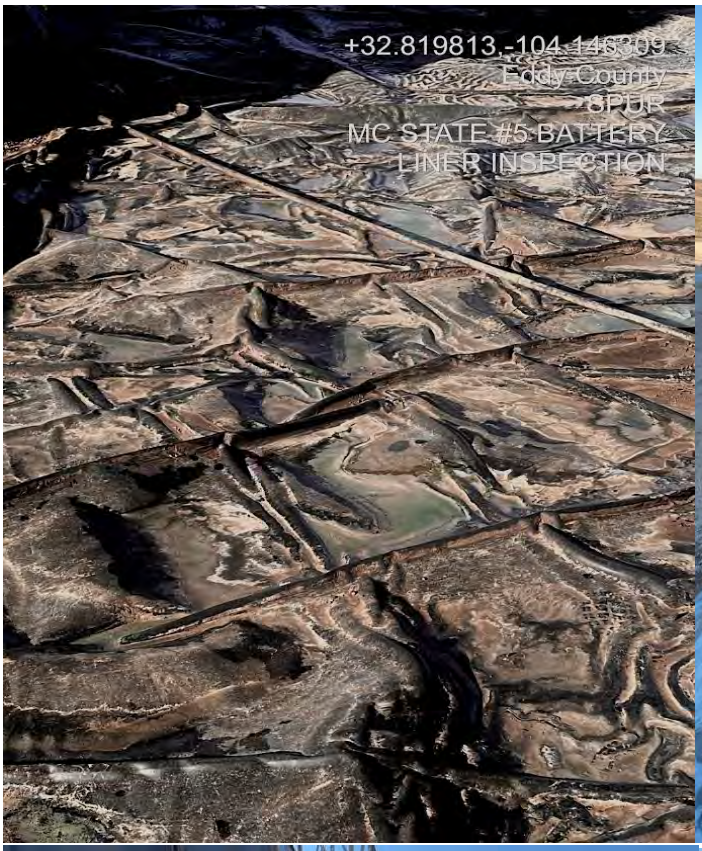
SPUR ENERGY PARTNERS

MC STATE #5 BATTERY

SITE PHOTOGRAPHS

LINER INSPECTION-

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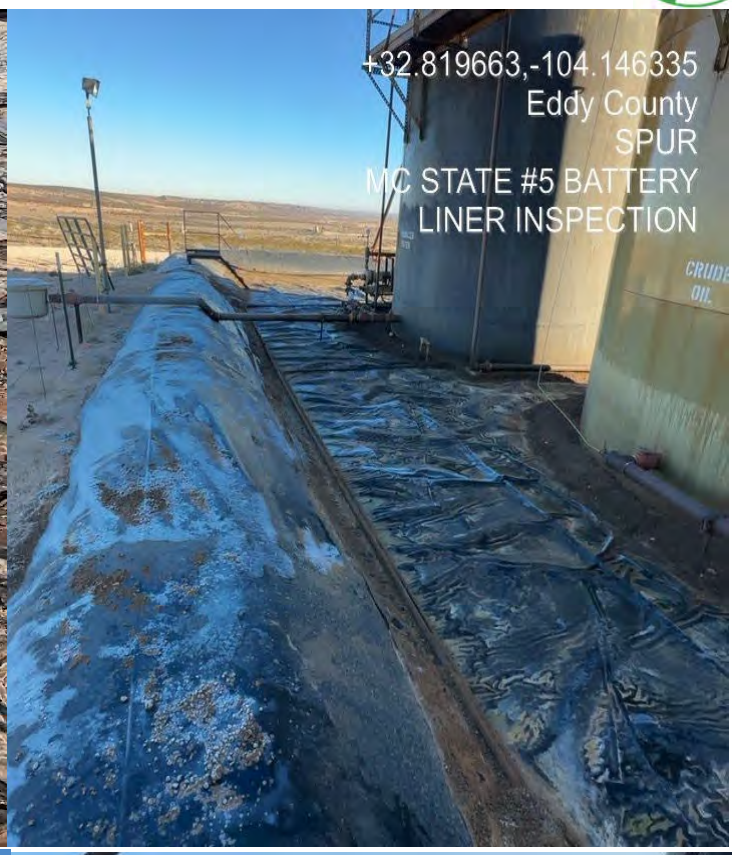
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION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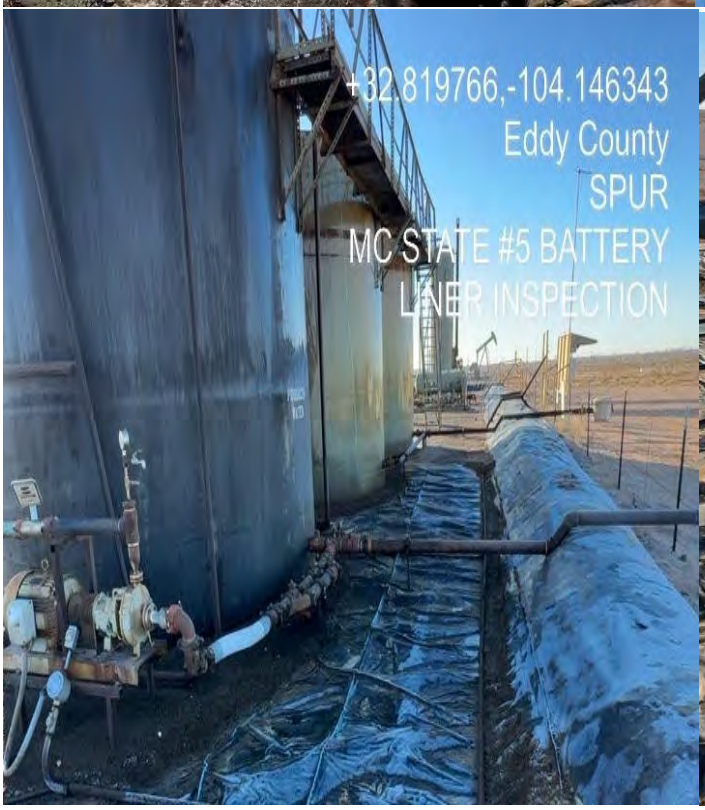
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION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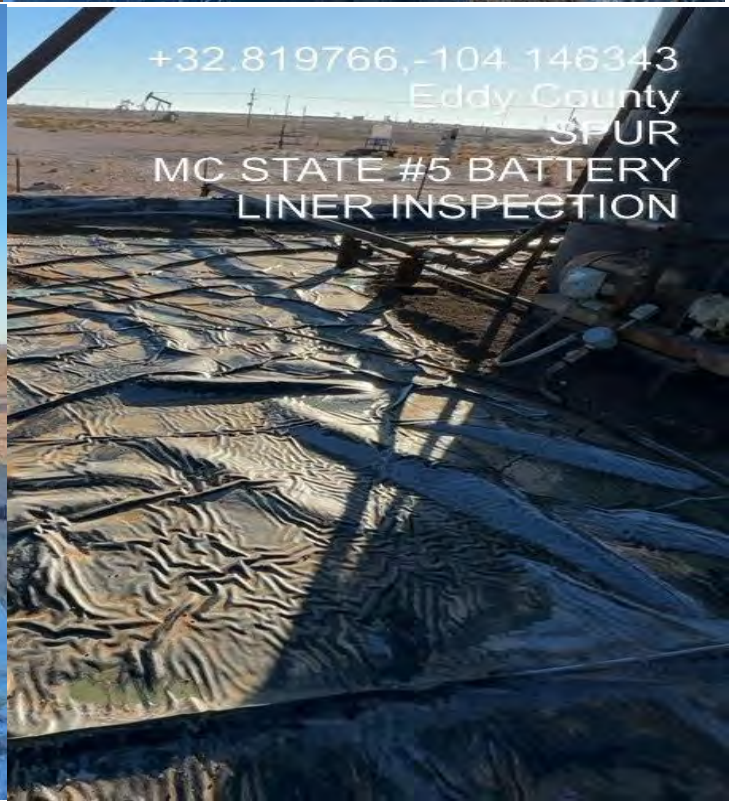
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION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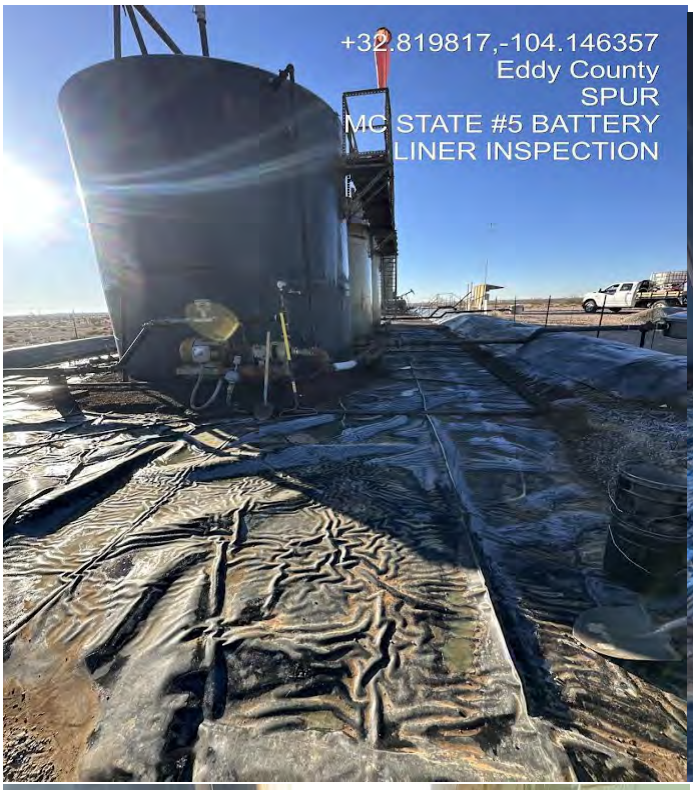
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION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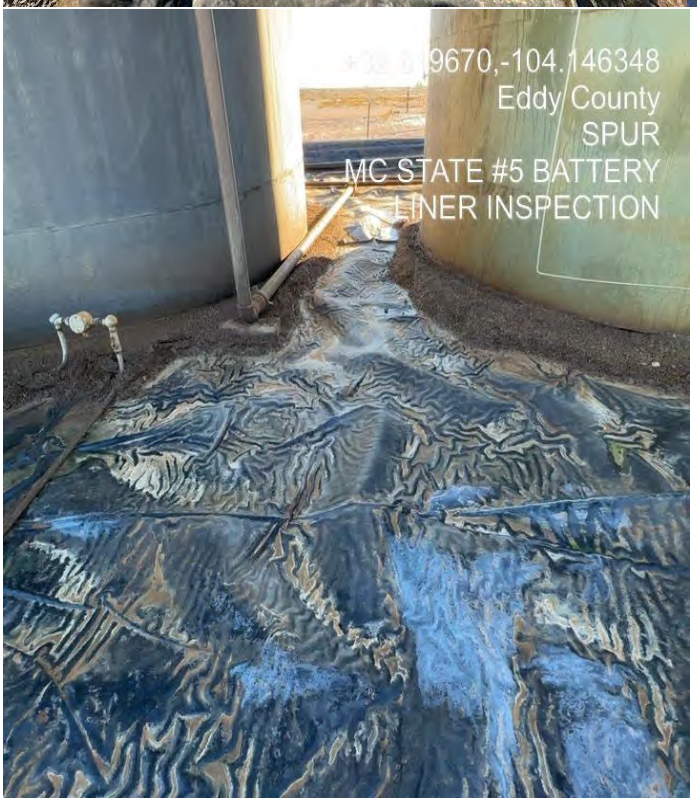
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION


+32.819670,-104
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION
CRUDE
OIL
67506
9956
I-0
500


9670,-104.146348
Eddy County
SPUR
MC STATE #5 BATTERY
LINER INSPECTION

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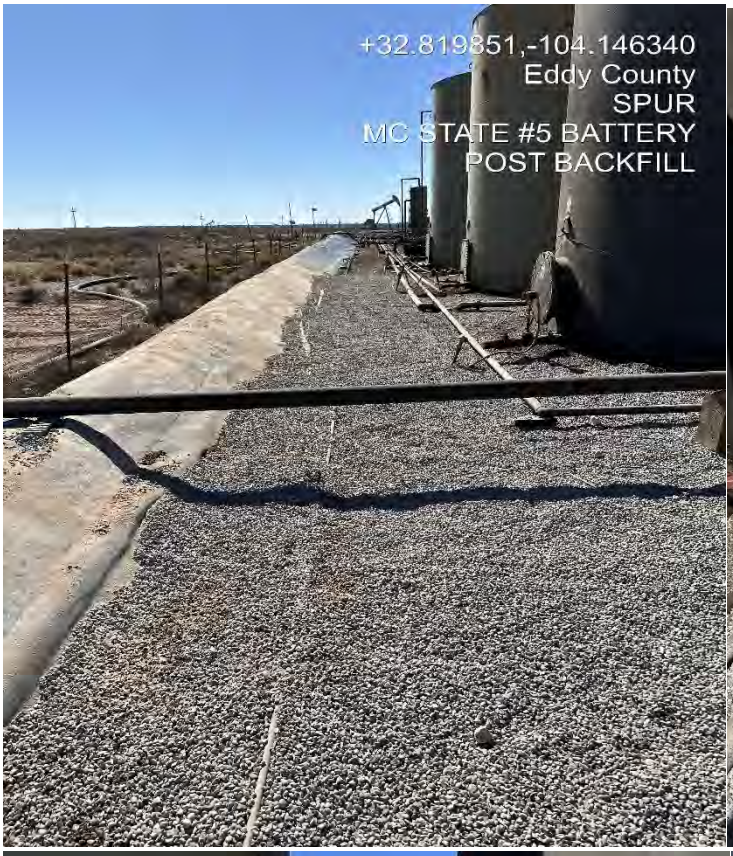
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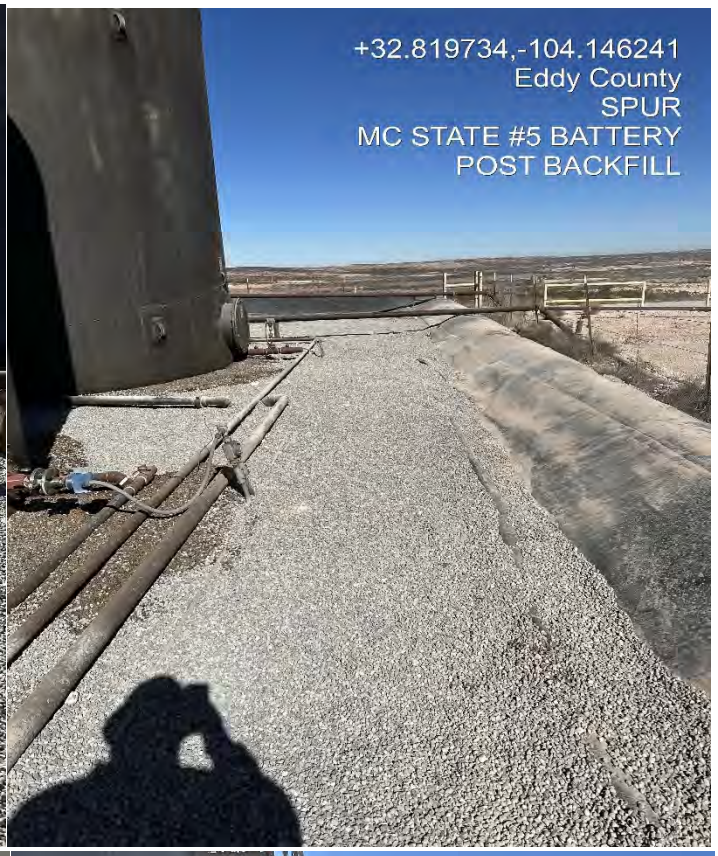
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL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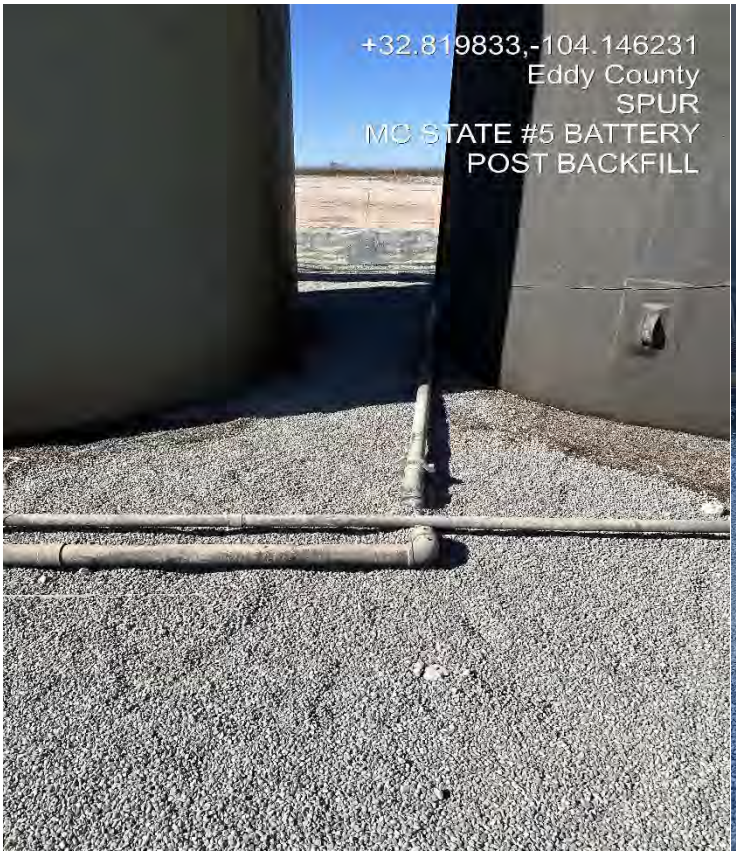
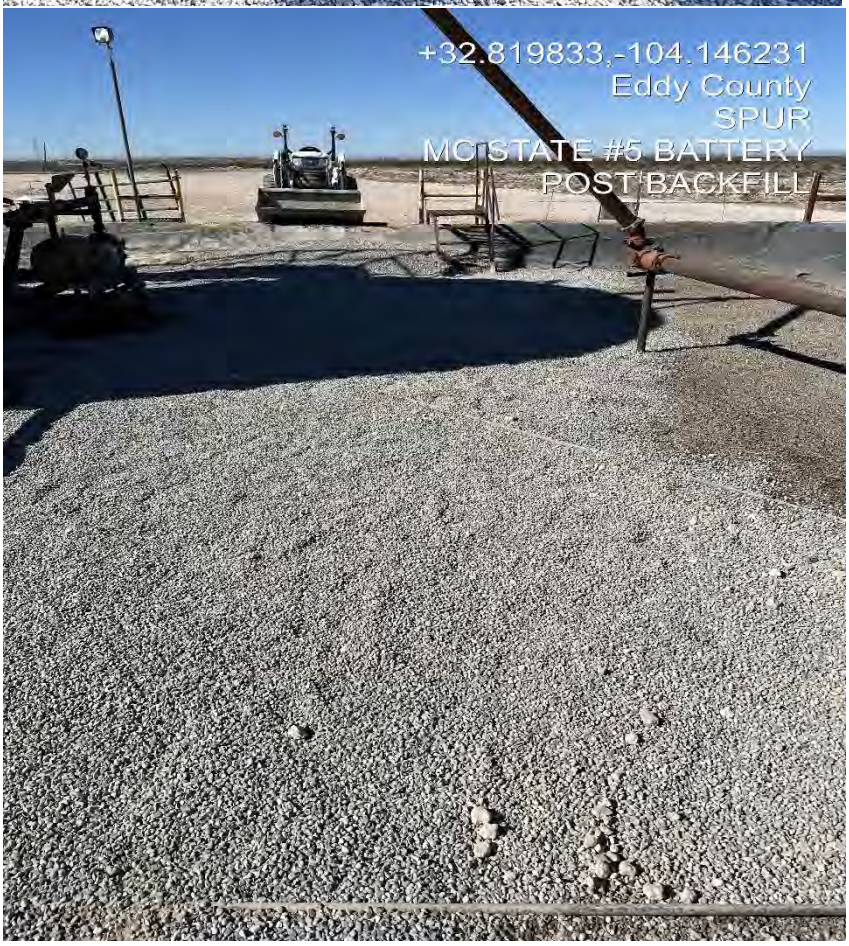
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL


+32.819833,-104.146231
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL


+32.819851,-104.146340
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL


+32.819851,-104.146340
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL


+32.819833,-104.146231
Eddy County
SPUR
MC STATE #5 BATTERY
POST BACKFILL

Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Gio Gomez

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:	MC State #005 Battery
Work Order:	E404300
Job Number:	21068-0001
Received:	5/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/6/24

Date Reported: 5/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: MC State #005 Battery
Workorder: E404300
Date Received: 5/1/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/1/2024 5:30:00AM, under the Project Name: MC State #005 Battery.

The analytical test results summarized in this report with the Project Name: MC State #005 Battery 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 reguarding 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

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Southern New Mexico Area

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Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/06/24 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E404300-01A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
S1 -2'	E404300-02A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
S2 -1'	E404300-03A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
S2 -2'	E404300-04A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
S3 -1'	E404300-05A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
S3 -2'	E404300-06A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
NSW	E404300-07A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
ESW	E404300-08A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
SSW	E404300-09A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.
WSW	E404300-10A	Soil	04/29/24	05/01/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S1 -1'

E404300-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S1 -2'

E404300-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S2 -1'

E404300-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S2 -2'

E404300-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S3 -1'

E404300-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.1 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

S3 -2'

E404300-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

NSW

E404300-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

ESW

E404300-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.9 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

SSW

E404300-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

WSW

E404300-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Benzene	ND	0.0250	1	05/01/24	05/01/24	
Ethylbenzene	ND	0.0250	1	05/01/24	05/01/24	
Toluene	ND	0.0250	1	05/01/24	05/01/24	
o-Xylene	ND	0.0250	1	05/01/24	05/01/24	
p,m-Xylene	ND	0.0500	1	05/01/24	05/01/24	
Total Xylenes	ND	0.0250	1	05/01/24	05/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2418055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/24	05/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*05/01/24*	*05/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2418054
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/24	05/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/24	05/01/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*05/01/24*	*05/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2418063
Chloride	ND	20.0	1	05/01/24	05/01/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2418055-BLK1)									Prepared: 05/01/24 Analyzed: 05/01/24
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: 4-Bromochlorobenzene-PID	*7.23*		*8.00*		*90.3*	*70-130*			
LCS (2418055-BS1)									Prepared: 05/01/24 Analyzed: 05/01/24
Benzene	4.72	0.0250	5.00		94.3	70-130			
Ethylbenzene	4.80	0.0250	5.00		95.9	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.71	0.0250	5.00		94.3	70-130			
p,m-Xylene	9.64	0.0500	10.0		96.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.14*		*8.00*		*89.2*	*70-130*			
Matrix Spike (2418055-MS1)				**Source: E404300-07**					Prepared: 05/01/24 Analyzed: 05/01/24
Benzene	4.78	0.0250	5.00	ND	95.7	54-133			
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133			
Toluene	4.83	0.0250	5.00	ND	96.6	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.20*		*8.00*		*90.0*	*70-130*			
Matrix Spike Dup (2418055-MSD1)				**Source: E404300-07**					Prepared: 05/01/24 Analyzed: 05/01/24
Benzene	4.80	0.0250	5.00	ND	95.9	54-133	0.240	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	61-133	0.532	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	0.517	20	
o-Xylene	4.82	0.0250	5.00	ND	96.5	63-131	0.659	20	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	0.672	20	
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131	0.668	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2418055-BLK1)									Prepared: 05/01/24 Analyzed: 05/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.7*	*70-130*			
LCS (2418055-BS2)									Prepared: 05/01/24 Analyzed: 05/02/24
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			
Matrix Spike (2418055-MS2)				**Source: E404300-07**					Prepared: 05/01/24 Analyzed: 05/01/24
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.3*	*70-130*			
Matrix Spike Dup (2418055-MSD2)				**Source: E404300-07**					Prepared: 05/01/24 Analyzed: 05/01/24
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130	1.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2418054-BLK1)									Prepared: 05/01/24 Analyzed: 05/01/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
LCS (2418054-BS1)									Prepared: 05/01/24 Analyzed: 05/01/24
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132			
Surrogate: n-Nonane	*57.7*		*50.0*		*115*	*50-200*			
Matrix Spike (2418054-MS1)				**Source: E404297-03**					Prepared: 05/01/24 Analyzed: 05/01/24
Diesel Range Organics (C10-C28)	327	25.0	250	29.3	119	38-132			
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*50-200*			
Matrix Spike Dup (2418054-MSD1)				**Source: E404297-03**					Prepared: 05/01/24 Analyzed: 05/01/24
Diesel Range Organics (C10-C28)	321	25.0	250	29.3	117	38-132	1.69	20	
Surrogate: n-Nonane	*60.2*		*50.0*		*120*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	MC State #005 Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/6/2024 1:59:59PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2418063-BLK1)									Prepared: 05/01/24 Analyzed: 05/01/24
Chloride	ND	20.0							
LCS (2418063-BS1)									Prepared: 05/01/24 Analyzed: 05/01/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2418063-MS1)				**Source: E404298-03**					Prepared: 05/01/24 Analyzed: 05/01/24
Chloride	416	100	250	167	99.9	80-120			
Matrix Spike Dup (2418063-MSD1)				**Source: E404298-03**					Prepared: 05/01/24 Analyzed: 05/01/24
Chloride	400	100	250	167	93.3	80-120	4.06	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:	MC State #005 Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/06/24 13:59

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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 1

Client: Pima Environmental Services	Bill To
Project: MC State #005 Battery	Attention: SPUR
Project Manager: Glo Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: glo@pimaoil.com	Pima Project # 6-74
Report due by:	

TAT: 1D | 2D | 3D | Standard (X) — EPA Program: CWA | SDWA | RCRA — State: NM (X) | CO | UT | AZ | TX

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
10:30	4/29	S		S1-1'	1							X		
10:36	"	"		S1-2'	2							"		
10:53	"	"		S2-1'	3							"		
11:06	"	"		S2-2'	4							"		
11:17	"	"		S3-1'	5							"		
11:25	"	"		S3-2'	6							"		
11:36	"	"		NSW	7							"		
11:49	"	"		ESW	8							"		
11:56	"	"		SSW	9							"		
12:01	"	"		WSW	10							"		

Additional Instructions: AFE S24010

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:

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 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Lorrine Adame	4/30/24	1241	Michelle Gonzales	4-30-24	1241
Michelle Gonzales	4-30-24	1647		4.30.24	1647
	4.30.24	2300	Murphy P Hall	5-1-24	0530

Lab Use Only — Received on ice: Y / N — T1 ____ T2 ____ T3 ____ — AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - 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: 5/1/2024 9:41:39AM

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:	05/01/24 05:30	Work Order ID:	E404300
Phone:	(575) 631-6977	Date Logged In:	04/30/24 16:25	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/07/24 17:00 (4 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

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 filteration 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

Comments/Resolution

No. of containers and Sampled by not documented on COC by client

Client Instruction

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

Date

envirotech Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 346315

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 346315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2317038502**
Incident Name	**NAPP2317038502 MC STATE #005 BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MC STATE #005 BATTERY
Date Release Discovered	06/17/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. | Tank (Any) | Produced Water | Released: 56 BBL | Recovered: 45 BBL | Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	A TRIP IN THE TRANSFER PUMP DISCONNECT CAUSED THE TANK TO OVERFLOW RELEASING PRODUCED WATER INSIDE LINED CONTAINMENT WITH A SMALL PORTION SPILLING OUTSIDE THE CONTAINMENT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 346315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2024

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QUESTIONS (continued)

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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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (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
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.	
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	02/07/2024
On what date will (or did) the final sampling or liner inspection occur	04/29/2024
On what date will (or was) the remediation complete(d)	02/14/2024
What is the estimated surface area (in square feet) that will be reclaimed	1600
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	1600
What is the estimated volume (in cubic yards) that will be remediated	12
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 (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 346315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**337620**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/29/2024**
What was the (estimated) number of samples that were to be gathered	**7**
What was the sampling surface area in square feet	**906**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1600
What was the total volume (cubic yards) remediated	12
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	LINER INSPECTED AND FOUND TO BE IN GOOD WORKING CONDITION CONTAMINATED SOILS WERE REMOVED TO MEET THE MOST STRINGENT CRITERIA SET FORTH BY NMOCD

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2024

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QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 346315

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	328947
	Action Number: 346315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2317038502 MC STATE #005 BATTERY, thank you. This Remediation Closure Report is approved.	5/29/2024