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

January 31st, 2024

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

RE: Liner Inspection and Closure Report
Pinto 36 State Tank Battery
API No. N/A
GPS: Latitude 32.70916 Longitude -104.44650
UL- D, Section 36, Township 18S, Range 25E
NMOCD Reference No. NAPP2334533286

Spur Energy Partners (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare the following closure report for the release of crude oil that occurred on the Pinto 36 State Tank Battery (Pinto). An initial C-141 was submitted on December 15th, 2023, and can be found in Appendix B. This incident was assigned Incident ID NAPP2334533286, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Pinto is located approximately 5.23 miles southwest of Atoka, NM. This spill site is in Unit D, Section 36, Township 18S, Range 25E, Latitude 32.70916 Longitude -104.44650, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in Piedmont alluvial deposits, includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (Holocene to lower Pleistocene). The soil in this area is made up of Reagan- Upton association, 0-9 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Pinto (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 (RA-12548-POD1) measures 194 feet below grade surface (BGS), positioned roughly 0.46 miles away from the Pinto, drilled on November 7th, 2017. Conversely, as per the United States Geological Survey well water data, the nearest groundwater depth (USGS 324220104264001) in this region is recorded at 210 feet BGS, situated approximately 0.28 miles away from the Pinto, with the last gauge conducted on January 15, 2015. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Notably, the Pinto is situated within an area with a low potential for karst, as illustrated in Figure 3. Additionally, a comprehensive Topographic Map is available for reference in Figure 2.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50’	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’(RA-12548-POD1)	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

Napp2334533286: On December 9th, 2023, there was an incident where a gasket leaked oil, causing approximately 10 barrels of crude oil to spill into a lined containment area. Efforts were made to recover the spilled oil, with 9 barrels successfully recovered and one barrel of crude oil leaking onto the engineered pad. The affected area spanned approximately 22 feet by 65 feet.

Site Assessment and Soil Sampling Results

On January 8th, 2024, Pima Environmental mobilized personnel to the site to assess the impacted area located adjacent to the lined containment. Pima sampled the area between the point of release and the northernmost extent of the release. A total of seven sample points (S1-S7) were collected at depths of 1-4 feet to achieve vertical delineation. Similarly soil samples (SW1-SW4) were collected at a superficial depth as well as one-foot bgs., to achieve horizontal delineation. Due to the presence of OSE POD (RA-12548-POD1) and USGS well (324220104264001), being within half a mile and no older than 25 years old, no excavation is required, and no confirmation samples were collected. Laboratory results of this sampling event can be found in the following data table. A 48-hour sampling notification can be found in Appendix C.

1-8-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
SPUR- Pinto 36 State Tank Battery								
Sample Date: 01/08/2024 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	Surface	ND	ND	ND	151	ND	151	32
	2'	ND	ND	ND	63.4	ND	63.4	27.8
	4'	ND	ND	ND	79.5	ND	79.5	38.1
S2	Surface	ND	ND	ND	37.9	ND	37.9	33.1
	2'	ND	ND	ND	41.5	ND	41.5	27
	4'	ND	ND	ND	61.3	ND	61.3	41.3
S3	Surface	ND	ND	ND	26.1	ND	26.1	33.4
	2'	ND	ND	ND	ND	ND	0	21.8
	4'	ND	ND	ND	28.9	ND	28.9	34.9
S4	Surface	ND	ND	ND	148	ND	148	31.9
	2'	ND	ND	ND	ND	ND	0	20
	4'	ND	ND	ND	ND	ND	0	35.5
S5	Surface	ND	ND	ND	188	ND	188	30.9
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	36.3
S6	Surface	ND	ND	ND	199	ND	199	29.5
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	24.3
S7	Surface	ND	ND	ND	507	ND	507	31.3
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	21.6
SW1	Surface	ND	ND	ND	ND	ND	0	ND
SW1	1'	ND	ND	ND	ND	ND	0	ND
SW2	Surface	ND	ND	ND	ND	ND	0	ND
SW2	1'	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
SW3	1'	ND	ND	ND	ND	ND	0	ND
SW4	Surface	ND	ND	ND	ND	ND	0	ND
SW4	1'	ND	ND	ND	ND	ND	0	ND

ND: Non – Detect

After confirming that all contamination levels met the closure criteria set by NMOCD, Pima Environmental conducted a two-inch scrape of the affected area located outside the lined containment. The excavated region, measuring approximately 22 feet by 65 feet, was subsequently backfilled with clean material, and contoured to blend with the surrounding environment. All contaminated materials were transported and properly disposed of at an NMOCD-approved facility.

Liner Inspection

On January 5, 2024, Pima personnel performed a comprehensive cleaning of the lined containment area using a pressure washer. Furthermore, a vacuum truck was employed to effectively eliminate any remaining standing fluid.

On January 8th, 2024, after sending the 48-hour notification via the NMOCD portal, Pima Environmental conducted a liner inspection at the Pinto. 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 D.

Closure Request

After careful review, Pima requests that this incident NAPP2334533286 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- Site Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data, Wetlands Map, FEMA Map
Appendix C – C-141 Form and 48 Hour Notification
Appendix D – Liner Inspection Form and Photographic Documentation
Appendix E – Laboratory Reports

Pima Environmental Services

Figures:

1-Location Map

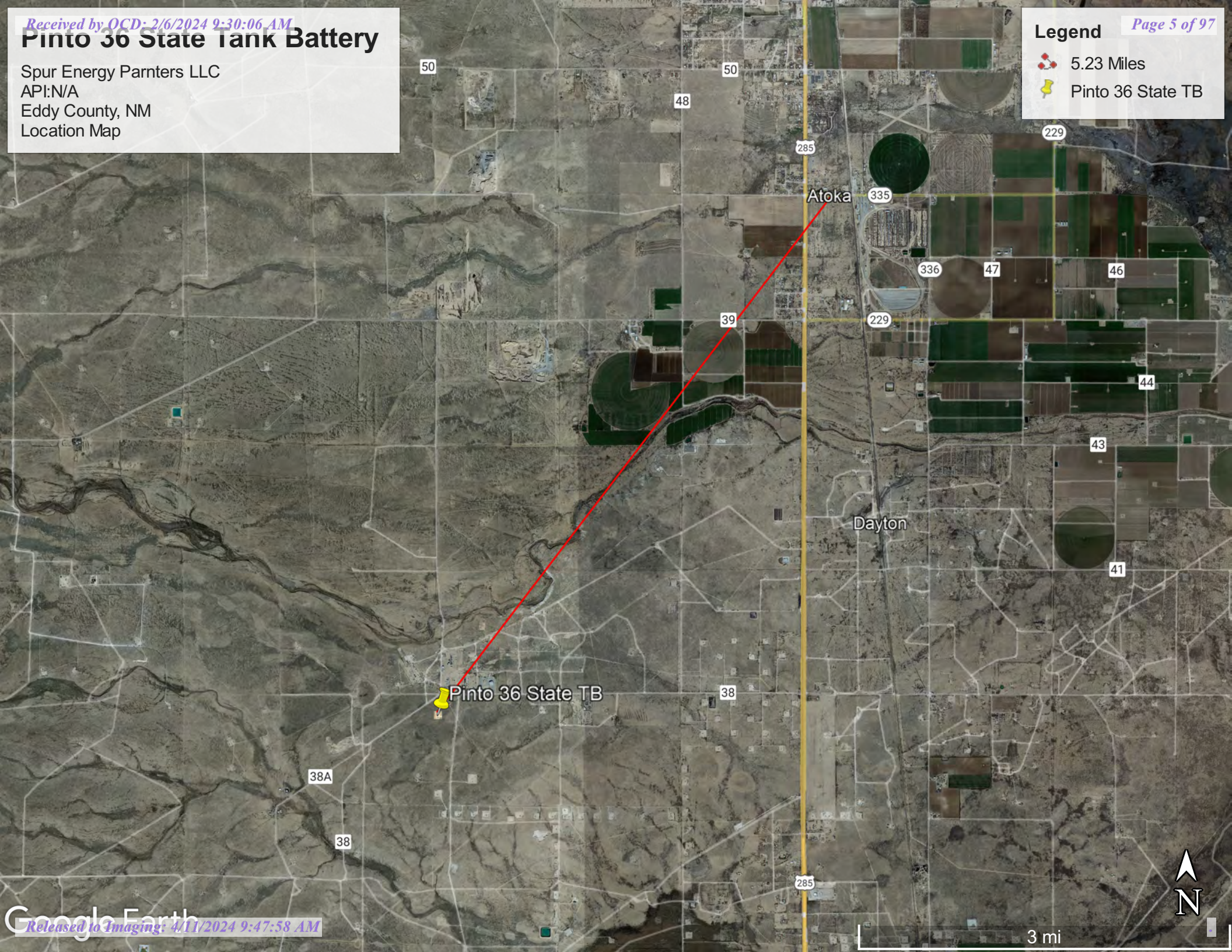
2-Topographic Map

3-Karst Map

4-Site Map

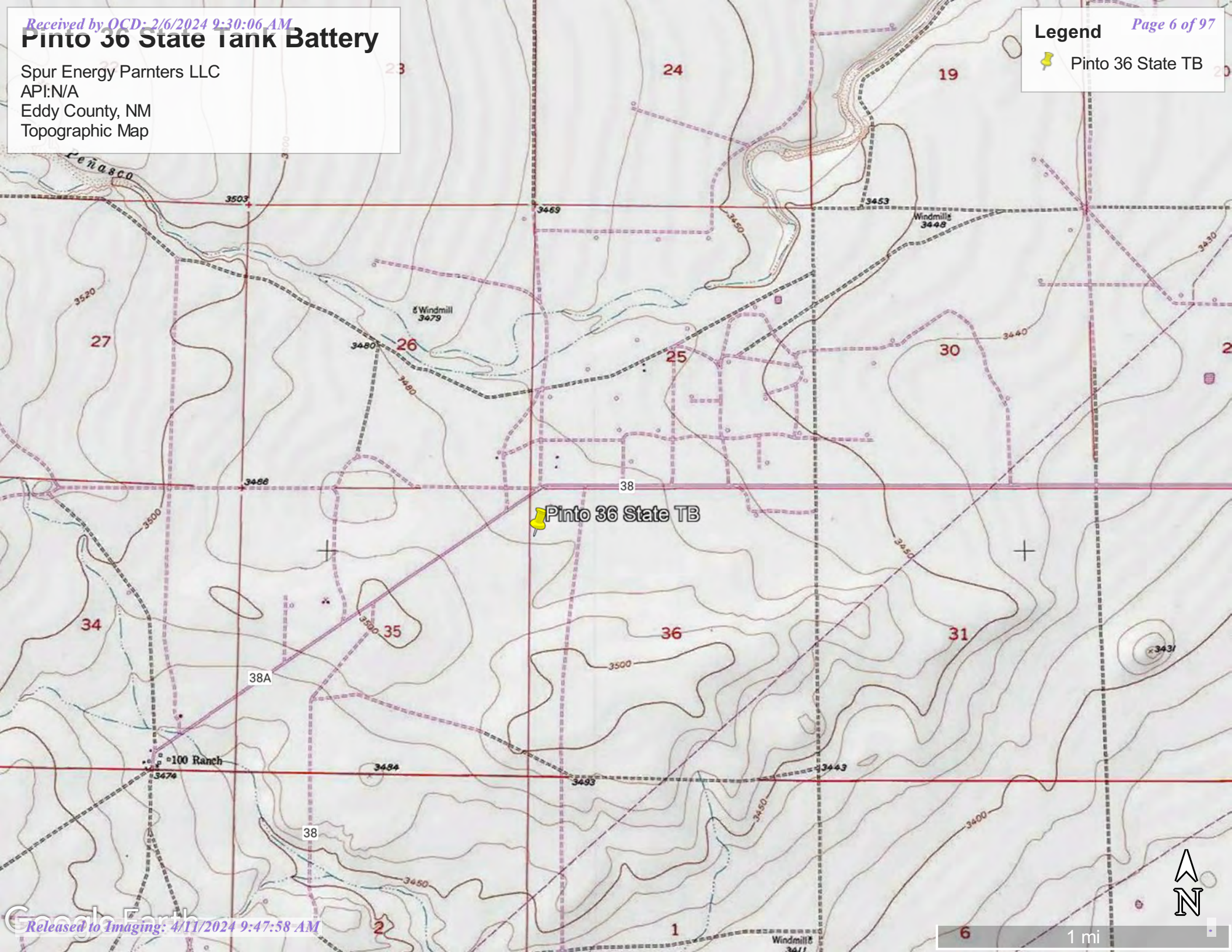
Pinto 36 State Tank Battery

Spur Energy Parnters LLC
API:N/A
Eddy County, NM
Location Map



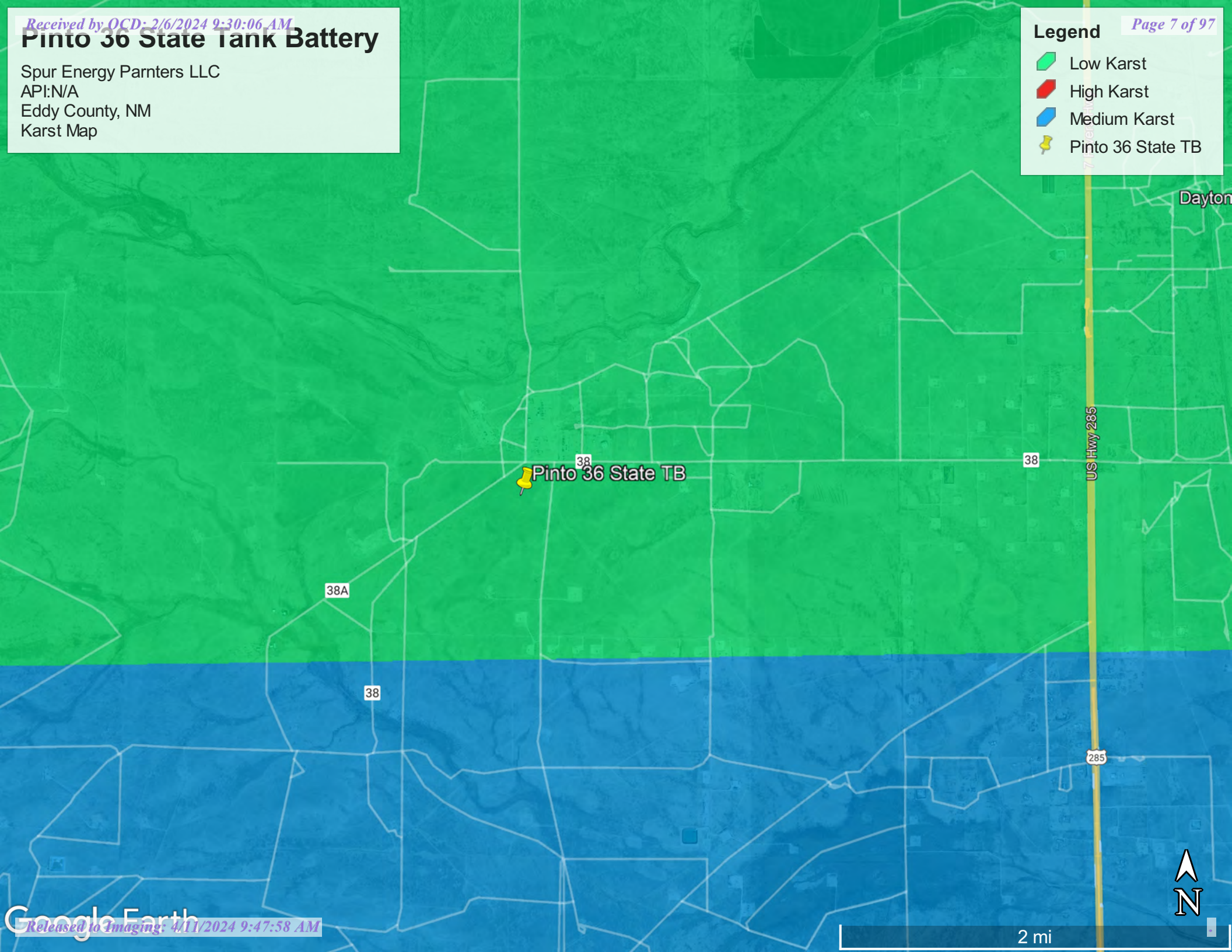
Pinto 36 State Tank Battery

Spur Energy Parnters LLC
API:N/A
Eddy County, NM
Topographic Map



Pinto 36 State Tank Battery

Spur Energy Parnters LLC
API:N/A
Eddy County, NM
Karst Map



Pinto 36 State Tank Battery

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

Legend

- Lined Containment
- Pinto 36 State TB
- Release Area
- Side Wall Sample
- Soil Sample

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100 ')								
SPUR- Pinto 36 State Tank Battery								
Sample Date: 01/08/2024				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	Surface	ND	ND	ND	151	ND	151	32
	2'	ND	ND	ND	63.4	ND	63.4	27.8
	4'	ND	ND	ND	79.5	ND	79.5	38.1
S2	Surface	ND	ND	ND	37.9	ND	37.9	33.1
	2'	ND	ND	ND	41.5	ND	41.5	27
	4'	ND	ND	ND	61.3	ND	61.3	41.3
S3	Surface	ND	ND	ND	26.1	ND	26.1	33.4
	2'	ND	ND	ND	ND	ND	0	21.8
	4'	ND	ND	ND	28.9	ND	28.9	34.9
S4	Surface	ND	ND	ND	148	ND	148	31.9
	2'	ND	ND	ND	ND	ND	0	20
	4'	ND	ND	ND	ND	ND	0	35.5
S5	Surface	ND	ND	ND	188	ND	188	30.9
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	36.3
S6	Surface	ND	ND	ND	199	ND	199	29.5
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	24.3
S7	Surface	ND	ND	ND	507	ND	507	31.3
	2'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	21.6
SW1	Surface	ND	ND	ND	ND	ND	0	ND
SW1	1'	ND	ND	ND	ND	ND	0	ND
SW2	Surface	ND	ND	ND	ND	ND	0	ND
SW2	1'	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
SW3	1'	ND	ND	ND	ND	ND	0	ND
SW4	Surface	ND	ND	ND	ND	ND	0	ND
SW4	1'	ND	ND	ND	ND	ND	0	ND

N

70 ft

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 05344		RA	ED	2	4	4	26	18S	25E	551659	3619743	603	455	200	255
RA 12548 POD1		RA	ED	4	4	3	25	18S	25E	552484	3619618	750	255	194	61
RA 03975		RA	ED	3	1	3	36	18S	25E	551942	3618353*	829	430	270	160

Average Depth to Water: **221 feet**

Minimum Depth: **194 feet**

Maximum Depth: **270 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 551875.85 **Northing (Y):** 3619179.95 **Radius:** 1000

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	**POD Number**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Rng**	**X**	**Y**
20642	RA 12548 POD1	4	4	3	25	18S	25E	552484	3619618

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

Driller Name: TAYLOR, CLINTON E.

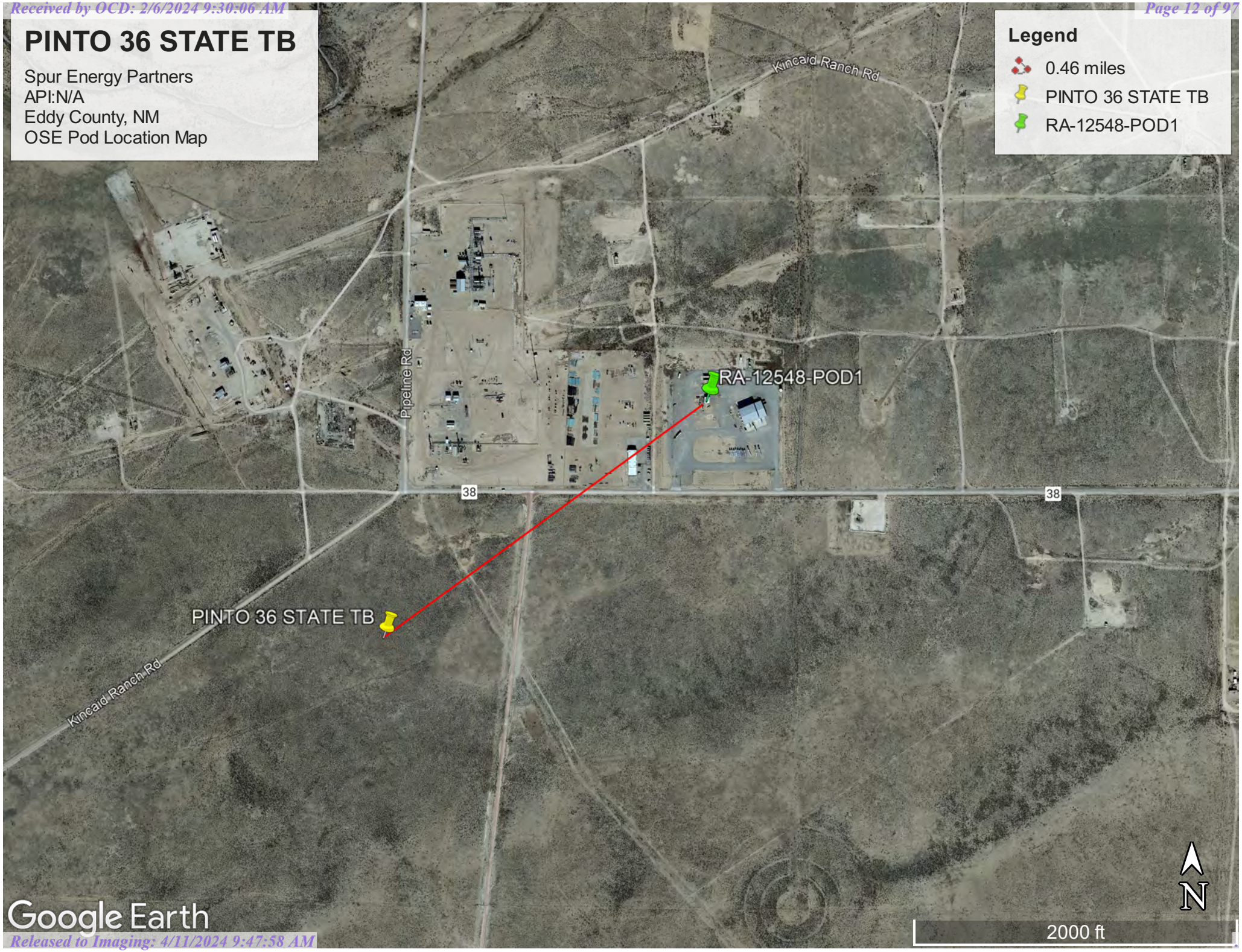
Drill Start Date:	11/07/2017	**Drill Finish Date:**	11/13/2017	**Plug Date:**	
Log File Date:	12/14/2017	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	2 GPM
Casing Size:	4.50	**Depth Well:**	255 feet	**Depth Water:**	194 feet

Water Bearing Stratifications:	**Top**	**Bottom**	**Description**
	194	206	Shale/Mudstone/Siltstone
	206	255	Shale/Mudstone/Siltstone

Casing Perforations:	**Top**	**Bottom**
	175	255

PINTO 36 STATE TB

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



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 =

- 324220104264001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

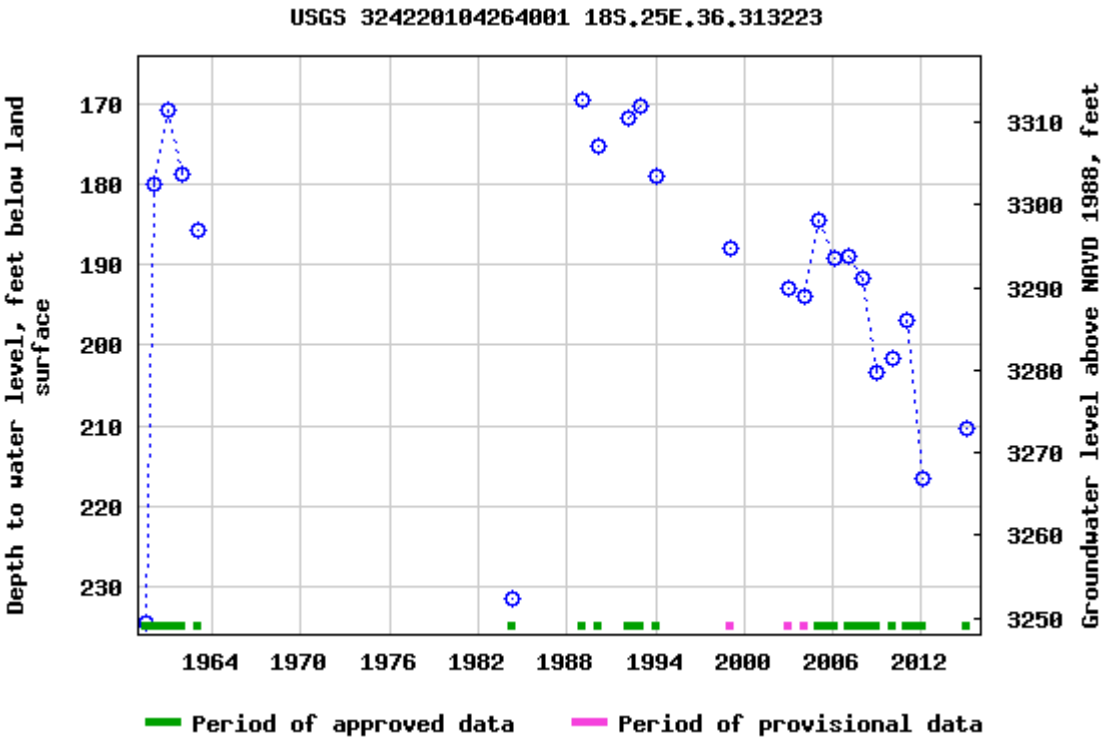
USGS 324220104264001 18S.25E.36.313223

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°42'20", Longitude 104°26'40" NAD27
Land-surface elevation 3,483 feet above NAVD88
The depth of the well is 430 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) 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

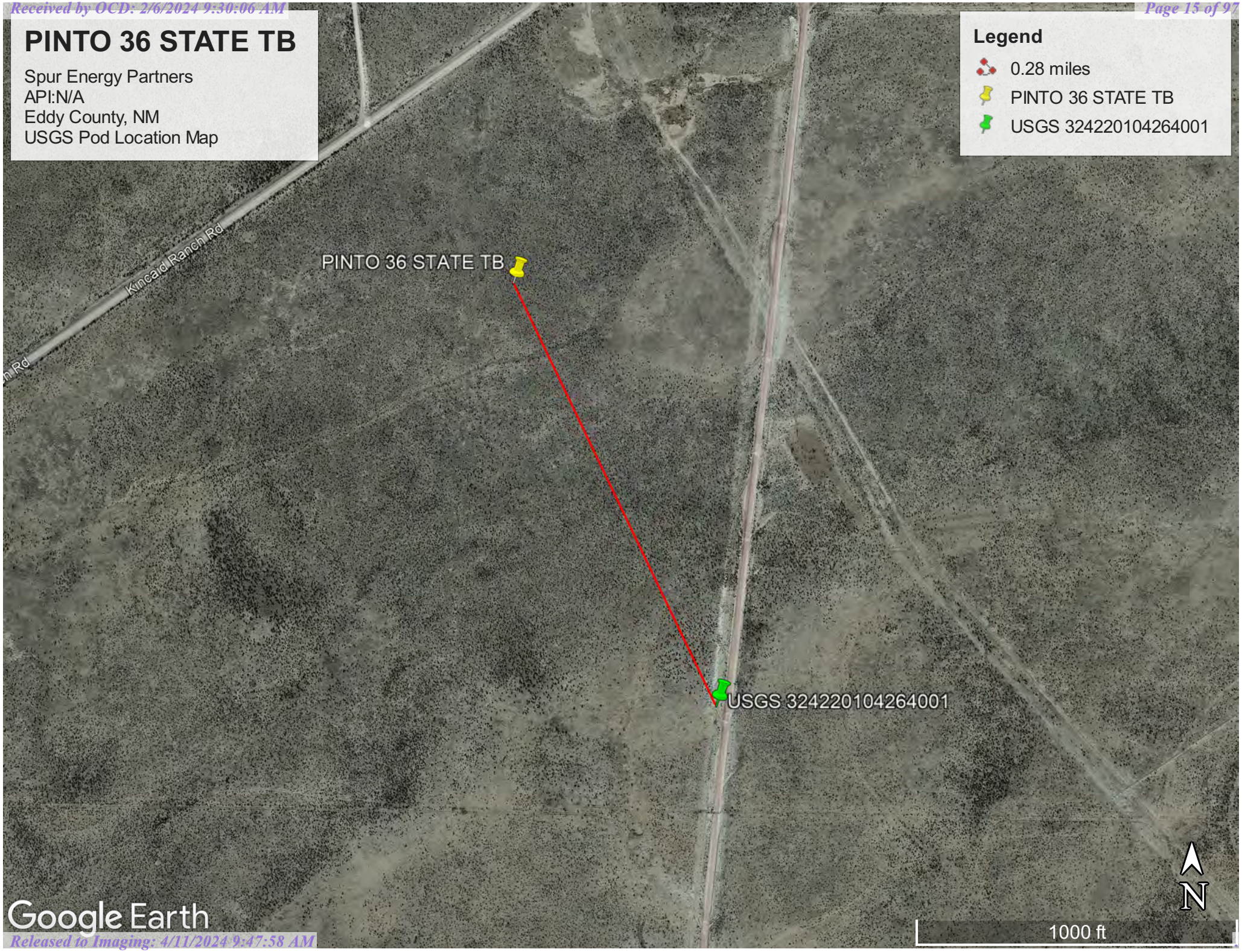


Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

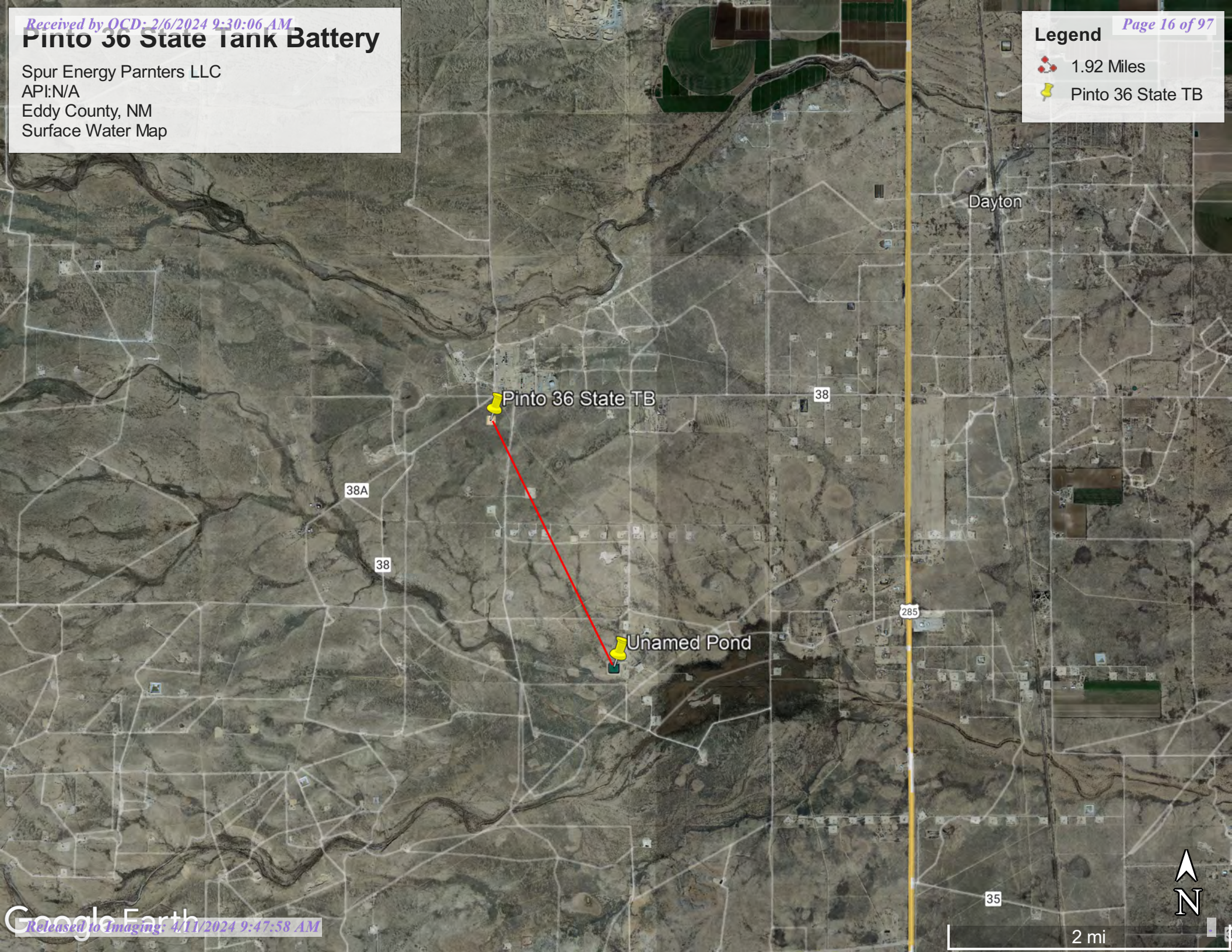
PINTO 36 STATE TB

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



Pinto 36 State Tank Battery

Spur Energy Parnters LLC
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

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d
Elevation: 1,100 to 5,400 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 180 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent
Upton and similar soils: 25 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B
Ecological site: R042CY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 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 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R042CY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R070BC017NM - Bottomland

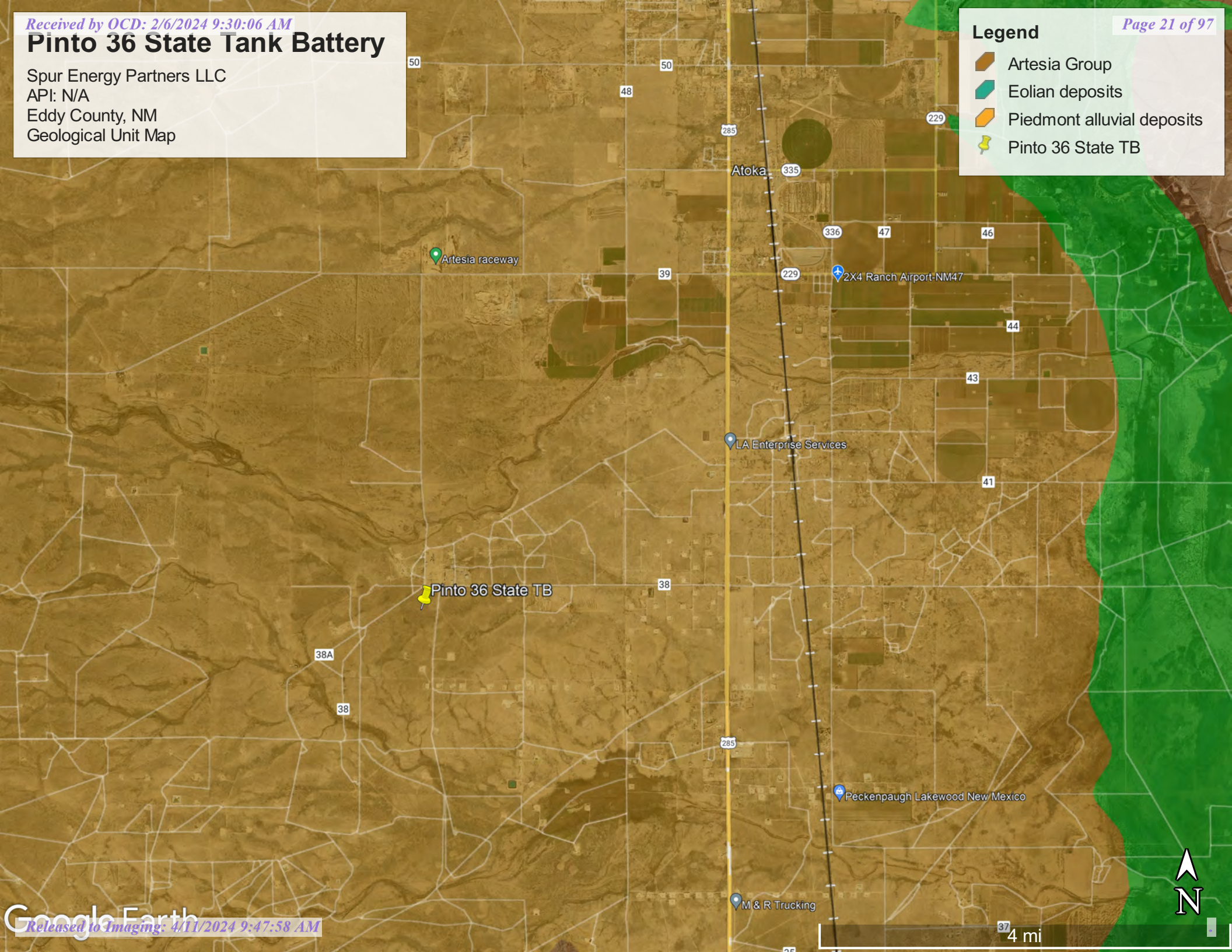
Hydric soil rating: No

Data Source Information

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

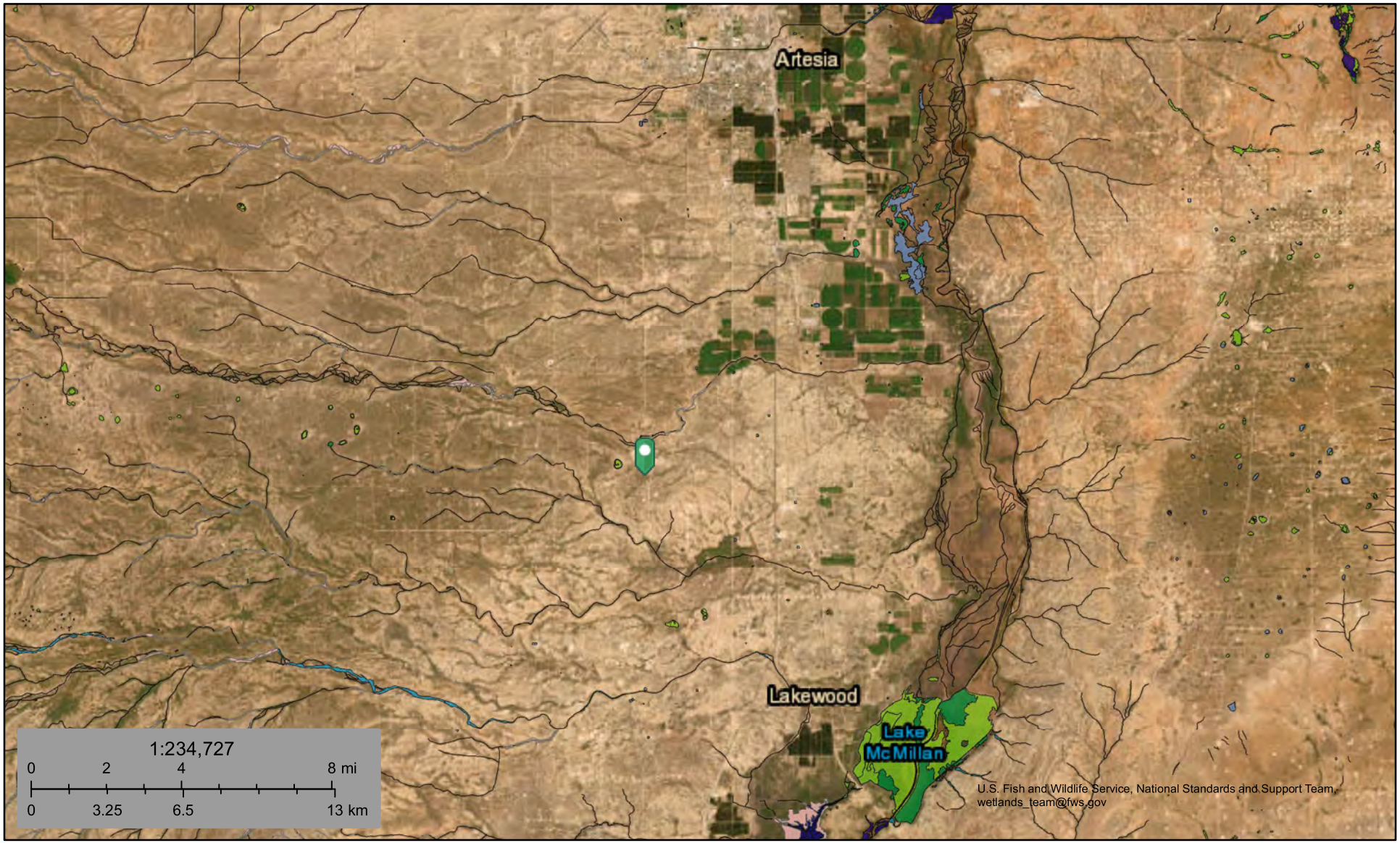
Pinto 36 State Tank Battery

Spur Energy Partners LLC
API: N/A
Eddy County, NM
Geological Unit Map



U.S. Fish and Wildlife Service
National Wetlands Inventory

Pinto 36 State Tank Battery



December 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.

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

National Flood Hazard Layer FIRMette

FEMA

104°27'5"W 32°42'47"N

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

1:6,000

104°26'27"W 32°42'17"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, A*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, A of 1% annual chance flood with avera depth less than one foot or with drain areas of less than one square mile *Zo*
- 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 *Zon*

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 1/31/2024 at 2:39 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.

Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

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	nAPP2334533286
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners LLC	OGRID	328947
Contact Name	Katherine Purvis	Contact Telephone	(575) 441-8619
Contact email	katherine.purvis@spurenergy.com	Incident # *(assigned by OCD)*	nAPP2334533286
Contact mailing address	9655 Katy Freeway; Houston, TX 77024		

Location of Release Source

Latitude 32.70916 Longitude -104.44650
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	PINTO 36 STATE TANK BATTERY	Site Type	TANK BATTERY
Date Release Discovered	12/09/2023	API# *(if applicable)*	N/A

Unit Letter	Section	Township	Range	County
D	36	18S	25E	EDDY

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)

☒ Crude Oil	Volume Released (bbls) 10 BBLS	Volume Recovered (bbls) 9 BBLS
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
MAN WAY GASKET LEAKED OIL INTO LINED CONTAINMENT AND ONTO LOCATION PAD

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2334533286
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? N/A
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? N/A	

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

N/A

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.

Printed Name: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 12/11/2023

email: katherine.purvis@spurenergy.com Telephone: (575) 441-8619

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2334533286
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?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2334533286
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: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 02/06/2024

email: Katherine.purvis@spurenergy.com Telephone: 575-441-8619

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2334533286
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: Katherine Purvis Title: EHS Coordinator

Signature: Katherine Purvis Date: 02/06/2024

email: Katherine.purvis@spurenergy.com Telephone: 575-441-8619

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: _____

Sebastian@pimaoil.com

From: Katherine Purvis <katherine.purvis@spurenergy.com>
Sent: Wednesday, January 3, 2024 9:15 AM
To: sebastian@pimaoil.com; tom@pimaoil.com; jas@pimaoil.com; 'Lynsey Pima Oil'
Cc: Braidy Moulder
Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 299360

Please see below the confirmation of the sampling notification for the Pinto 36 State TB

Kathy Purvis
EHS Coordinator
(575) 441-8619

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, January 3, 2024 9:06 AM
To: Katherine Purvis <katherine.purvis@spurenergy.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 299360

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2334533286.

The sampling event is expected to take place:

When: 01/08/2024 @ 07:00
Where: D-36-18S-25E 0 FNL 0 FEL (32.70916,-104.4465)

Additional Information: ANDREW FRANCO
806-200-0054

Additional Instructions: 32.708308, -104.446637

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. 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 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.**

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

Sebastian@pimaoil.com

From: Katherine Purvis <katherine.purvis@spurenergy.com>
Sent: Wednesday, January 3, 2024 9:42 AM
To: sebastian@pimaoil.com; tom@pimaoil.com; 'Lynsey Pima Oil'; jas@pimaoil.com
Cc: Braidy Moulder
Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 299373

Please see below the confirmation of the liner inspection notification for the Pinto

Kathy Purvis
EHS Coordinator
(575) 441-8619

SPUR ENERGY PARTNERS

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, January 3, 2024 9:40 AM
To: Katherine Purvis <katherine.purvis@spurenergy.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 299373

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

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2334533286.

The liner inspection is expected to take place:

When: 01/08/2024 @ 07:00
Where: D-36-18S-25E 0 FNL 0 FEL (32.70916,-104.4465)

Additional Information: Liner inspector:
Andrew Franco
806-200-0054

Additional Instructions: 32.708308, -104.446637

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

Pima Environmental Services

Appendix D

Liner Inspection Form

Photographic Documentation

Pima Environmental Services, LLC

Liner Inspection Form

Company Name: Spur Energy

Site: Pinto 36 State Tank Battery

Lat/Long: 32.70916,-104.44650

NMOCD Incident ID & Incident Date: NAPP2334533286 12/09/2023

2-Day Notification Sent: via OCD Portal by Katherine Purvis 01/03/2024

Inspection Date: 01/08/2024

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	
Does the liner have integrity to contain a leak?	X		

Comments: _____

Inspector Name: Andrew Franco Inspector Signature: Andrew Franco

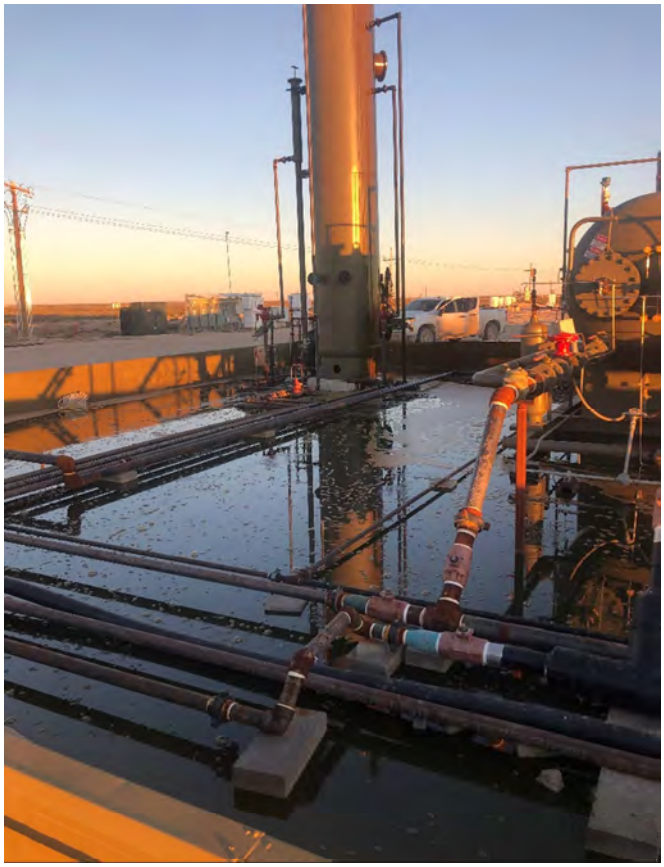
Pinto 36 State TB

SITE PHOTOGRAPHS-

Release Pictures


+32.708510,-104.446185
Eddy County
Spur
Pinto 36 star tank battery


+32.708349,-104.446565
Eddy County
Spur
Pinto 36 star tank battery




+32.708447,-104.446589
Eddy County
Spur
Pinto 36 star tank battery


+32.708279,-104.446358
Eddy County
Spur
Pinto 36 star tank battery

SITE PHOTOGRAPHS

PINTO 36 STATE TB- LINER INSPECTION


+32.708519,-104.446322
Eddy County
Spur
Pinto 36 state tank battery
Liner inspection


+32.708418,-104.446312
Eddy County
Spur
Pinto 36 state tank battery
Liner inspection


+32.708418,-104.446312
Eddy County
Spur
Pinto 36 state tank battery
Liner inspection

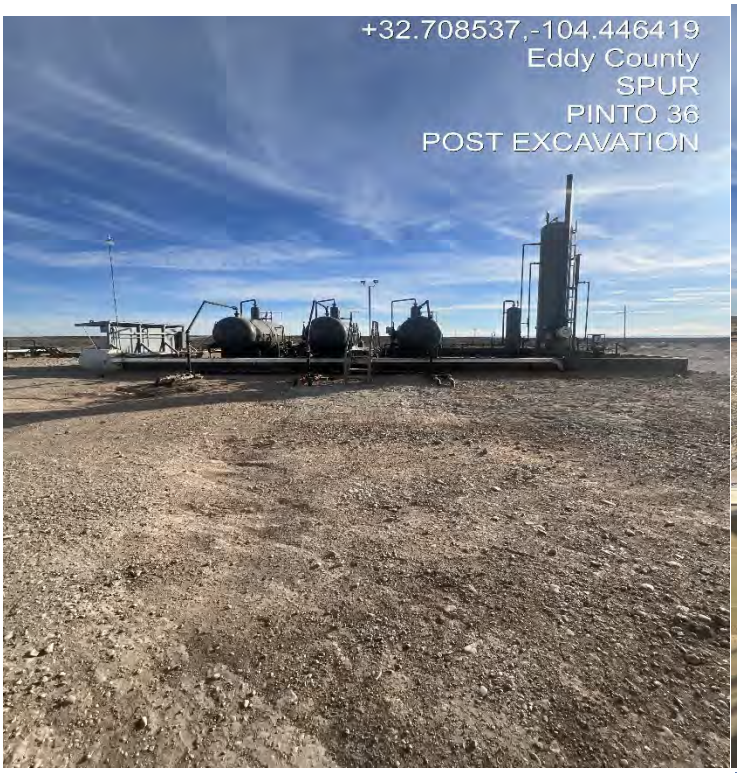

+32.708354,-104.446521
Eddy County
Spur
Pinto 36 state tank battery
Liner inspection

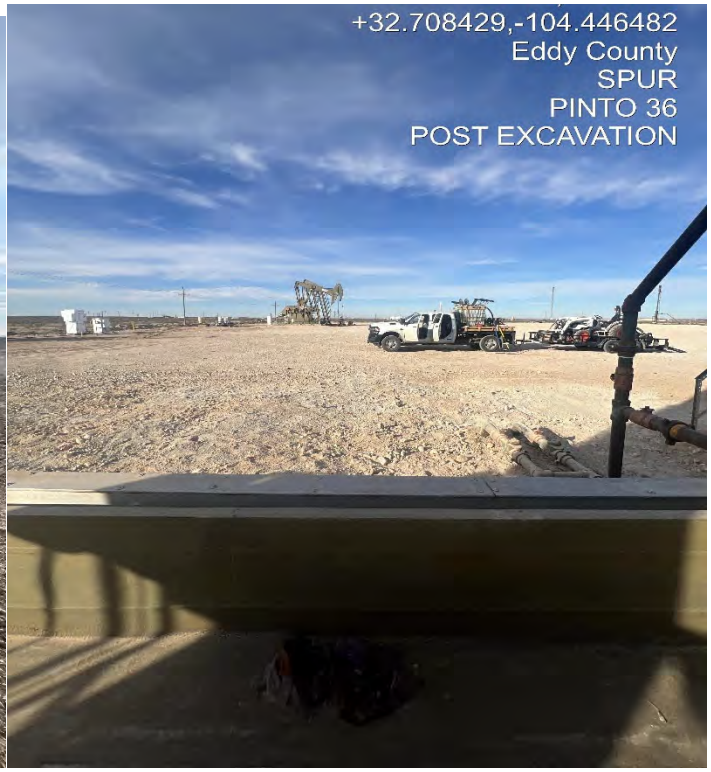
SPUR ENEGRY PARTNERS

SITE PHOTOGRAPHS

PINTO 36 STATE TB

POST EXCAVATION-





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:	Pinto 36 State Tank Battery
Work Order:	E401020
Job Number:	21068-0001
Received:	1/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/15/24

Date Reported: 1/15/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Pinto 36 State Tank Battery
Workorder: E401020
Date Received: 1/9/2024 8:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/9/2024 8:45:00AM, under the Project Name: Pinto 36 State Tank Battery.

The analytical test results summarized in this report with the Project Name: Pinto 36 State Tank 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/15/24 14:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-Surface	E401020-01A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S1-2'	E401020-02A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S1-4'	E401020-03A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S2-Surface	E401020-04A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S2-2'	E401020-05A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S2-4'	E401020-06A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S3-Surface	E401020-07A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S3-2'	E401020-08A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S3-4'	E401020-09A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S4-Surface	E401020-10A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S4-2'	E401020-11A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S4-4'	E401020-12A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S5-Surface	E401020-13A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S5-2'	E401020-14A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S5-4'	E401020-15A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S6-Surface	E401020-16A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S6-2'	E401020-17A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S6-4'	E401020-18A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S7-Surface	E401020-19A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S7-2'	E401020-20A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
S7-4'	E401020-21A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW1-Surface	E401020-22A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW1-1'	E401020-23A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW2-Surface	E401020-24A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW2-1'	E401020-25A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW3-Surface	E401020-26A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW3-1'	E401020-27A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW4-Surface	E401020-28A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.
SW4-1'	E401020-29A	Soil	01/08/24	01/09/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S1-Surface

E401020-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	**0.0305**	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	**0.0345**	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	**0.0510**	0.0500	1	01/09/24	01/09/24	
Total Xylenes	**0.0855**	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**151**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	**79.8**	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**32.0**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S1-2'

E401020-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	**0.0445**	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	**0.0540**	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	**0.0780**	0.0500	1	01/09/24	01/09/24	
Total Xylenes	**0.132**	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**63.4**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**27.8**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S1-4'

E401020-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	**0.0305**	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	**0.0385**	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	**0.0520**	0.0500	1	01/09/24	01/09/24	
Total Xylenes	**0.0905**	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**79.5**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**38.1**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S2-Surface

E401020-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	**0.0280**	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	**0.0335**	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/09/24	
Total Xylenes	**0.0335**	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.1 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.1 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**37.9**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**33.1**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S2-2'

E401020-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	ND	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**41.5**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**27.0**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S2-4'

E401020-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	ND	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.6 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**61.3**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**41.3**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S3-Surface

E401020-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	ND	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**26.1**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**33.4**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S3-2'

E401020-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**21.8**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S3-4'

E401020-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**28.9**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**34.9**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S4-Surface

E401020-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/09/24	
Ethylbenzene	**0.0375**	0.0250	1	01/09/24	01/09/24	
Toluene	ND	0.0250	1	01/09/24	01/09/24	
o-Xylene	**0.0465**	0.0250	1	01/09/24	01/09/24	
p,m-Xylene	**0.0725**	0.0500	1	01/09/24	01/09/24	
Total Xylenes	**0.119**	0.0250	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/09/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*01/09/24*	*01/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**148**	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**31.9**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S4-2'

E401020-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/10/24	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*01/09/24*	*01/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**20.0**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S4-4'

E401020-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**35.5**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S5-Surface

E401020-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	**0.0740**	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	**0.0985**	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	**0.126**	0.0500	1	01/09/24	01/10/24	
Total Xylenes	**0.225**	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**188**	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	**74.7**	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**30.9**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S5-2'

E401020-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S5-4'

E401020-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**36.3**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S6-Surface

E401020-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	**0.0400**	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	**0.0470**	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	**0.0695**	0.0500	1	01/09/24	01/10/24	
Total Xylenes	**0.117**	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**199**	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	**79.9**	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**29.5**	20.0	1	01/09/24	01/10/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S6-2'

E401020-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	ND	20.0	1	01/09/24	01/10/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S6-4'

E401020-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**24.3**	20.0	1	01/09/24	01/10/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S7-Surface

E401020-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	**0.0630**	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	**0.0760**	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	**0.113**	0.0500	1	01/09/24	01/10/24	
Total Xylenes	**0.189**	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	**507**	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	**191**	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	**31.3**	20.0	1	01/09/24	01/10/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S7-2'

E401020-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2402024
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/11/24	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*01/09/24*	*01/11/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402028
Chloride	ND	20.0	1	01/09/24	01/10/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

S7-4'

E401020-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	**21.6**	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW1-Surface

E401020-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW1-1'

E401020-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.9 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*83.9 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW2-Surface

E401020-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/10/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/10/24	
Toluene	ND	0.0250	1	01/09/24	01/10/24	
o-Xylene	ND	0.0250	1	01/09/24	01/10/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/10/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/10/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*70-130*	*01/09/24*	*01/10/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*83.2 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW2-1'

E401020-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/11/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/11/24	
Toluene	ND	0.0250	1	01/09/24	01/11/24	
o-Xylene	ND	0.0250	1	01/09/24	01/11/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/11/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW3-Surface

E401020-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/11/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/11/24	
Toluene	ND	0.0250	1	01/09/24	01/11/24	
o-Xylene	ND	0.0250	1	01/09/24	01/11/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/11/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW3-1'

E401020-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/11/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/11/24	
Toluene	ND	0.0250	1	01/09/24	01/11/24	
o-Xylene	ND	0.0250	1	01/09/24	01/11/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/11/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*86.4 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW4-Surface

E401020-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/11/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/11/24	
Toluene	ND	0.0250	1	01/09/24	01/11/24	
o-Xylene	ND	0.0250	1	01/09/24	01/11/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/11/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

SW4-1'

E401020-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Benzene	ND	0.0250	1	01/09/24	01/11/24	
Ethylbenzene	ND	0.0250	1	01/09/24	01/11/24	
Toluene	ND	0.0250	1	01/09/24	01/11/24	
o-Xylene	ND	0.0250	1	01/09/24	01/11/24	
p,m-Xylene	ND	0.0500	1	01/09/24	01/11/24	
Total Xylenes	ND	0.0250	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2402021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/09/24	01/11/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*70-130*	*01/09/24*	*01/11/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*01/09/24*	*01/11/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2402027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/09/24	01/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/09/24	01/09/24	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*01/09/24*	*01/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2402029
Chloride	ND	20.0	1	01/09/24	01/09/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

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 (2402019-BLK1)									Prepared: 01/09/24 Analyzed: 01/09/24
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: Bromofluorobenzene	*0.548*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
LCS (2402019-BS1)									Prepared: 01/09/24 Analyzed: 01/09/24
Benzene	2.45	0.0250	2.50		98.1	70-130			
Ethylbenzene	2.66	0.0250	2.50		106	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.73	0.0250	2.50		109	70-130			
p,m-Xylene	5.47	0.0500	5.00		109	70-130			
Total Xylenes	8.20	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: Toluene-d8	*0.541*		*0.500*		*108*	*70-130*			
Matrix Spike (2402019-MS1)				**Source: E401020-10**					Prepared: 01/09/24 Analyzed: 01/09/24
Benzene	2.43	0.0250	2.50	ND	97.2	48-131			
Ethylbenzene	2.72	0.0250	2.50	0.0375	107	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
o-Xylene	2.78	0.0250	2.50	0.0465	109	43-135			
p,m-Xylene	5.52	0.0500	5.00	0.0725	109	43-135			
Total Xylenes	8.29	0.0250	7.50	0.119	109	43-135			
Surrogate: Bromofluorobenzene	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2402019-MSD1)				**Source: E401020-10**					Prepared: 01/09/24 Analyzed: 01/09/24
Benzene	2.41	0.0250	2.50	ND	96.4	48-131	0.765	23	
Ethylbenzene	2.70	0.0250	2.50	0.0375	107	45-135	0.461	27	
Toluene	2.57	0.0250	2.50	ND	103	48-130	0.833	24	
o-Xylene	2.79	0.0250	2.50	0.0465	110	43-135	0.521	27	
p,m-Xylene	5.52	0.0500	5.00	0.0725	109	43-135	0.172	27	
Total Xylenes	8.32	0.0250	7.50	0.119	109	43-135	0.289	27	
Surrogate: Bromofluorobenzene	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

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 (2402021-BLK1)									Prepared: 01/09/24 Analyzed: 01/10/24
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: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
LCS (2402021-BS1)									Prepared: 01/09/24 Analyzed: 01/10/24
Benzene	2.64	0.0250	2.50		106	70-130			
Ethylbenzene	2.70	0.0250	2.50		108	70-130			
Toluene	2.66	0.0250	2.50		106	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.41	0.0500	5.00		108	70-130			
Total Xylenes	8.12	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
Matrix Spike (2402021-MS1)				**Source: E401020-24**					Prepared: 01/09/24 Analyzed: 01/10/24
Benzene	2.71	0.0250	2.50	ND	108	48-131			
Ethylbenzene	2.71	0.0250	2.50	ND	109	45-135			
Toluene	2.65	0.0250	2.50	ND	106	48-130			
o-Xylene	2.81	0.0250	2.50	ND	112	43-135			
p,m-Xylene	5.57	0.0500	5.00	ND	111	43-135			
Total Xylenes	8.38	0.0250	7.50	ND	112	43-135			
Surrogate: Bromofluorobenzene	*0.570*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2402021-MSD1)				**Source: E401020-24**					Prepared: 01/09/24 Analyzed: 01/10/24
Benzene	2.68	0.0250	2.50	ND	107	48-131	1.09	23	
Ethylbenzene	2.71	0.0250	2.50	ND	109	45-135	0.0368	27	
Toluene	2.68	0.0250	2.50	ND	107	48-130	0.996	24	
o-Xylene	2.74	0.0250	2.50	ND	110	43-135	2.39	27	
p,m-Xylene	5.56	0.0500	5.00	ND	111	43-135	0.261	27	
Total Xylenes	8.30	0.0250	7.50	ND	111	43-135	0.971	27	
Surrogate: Bromofluorobenzene	*0.558*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.1*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2402019-BLK1)									Prepared: 01/09/24 Analyzed: 01/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.548*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
LCS (2402019-BS2)									Prepared: 01/09/24 Analyzed: 01/09/24
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.6*	*70-130*			
Surrogate: Toluene-d8	*0.540*		*0.500*		*108*	*70-130*			
Matrix Spike (2402019-MS2)				**Source: E401020-10**					Prepared: 01/09/24 Analyzed: 01/09/24
Gasoline Range Organics (C6-C10)	63.9	20.0	50.0	ND	128	70-130			
Surrogate: Bromofluorobenzene	*0.564*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2402019-MSD2)				**Source: E401020-10**					Prepared: 01/09/24 Analyzed: 01/09/24
Gasoline Range Organics (C6-C10)	62.9	20.0	50.0	ND	126	70-130	1.51	20	
Surrogate: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2402021-BLK1)									Prepared: 01/09/24 Analyzed: 01/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
LCS (2402021-BS2)									Prepared: 01/09/24 Analyzed: 01/10/24
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.552*		*0.500*		*110*	*70-130*			
Matrix Spike (2402021-MS2)				**Source: E401020-24**					Prepared: 01/09/24 Analyzed: 01/10/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2402021-MSD2)				**Source: E401020-24**					Prepared: 01/09/24 Analyzed: 01/10/24
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	3.67	20	
Surrogate: Bromofluorobenzene	*0.566*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2402024-BLK1)									Prepared: 01/09/24 Analyzed: 01/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.1*		*50.0*		*98.3*	*50-200*			
LCS (2402024-BS1)									Prepared: 01/09/24 Analyzed: 01/10/24
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.2*	*50-200*			
Matrix Spike (2402024-MS1)				**Source: E401020-06**					Prepared: 01/09/24 Analyzed: 01/10/24
Diesel Range Organics (C10-C28)	351	25.0	250	61.3	116	38-132			
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			
Matrix Spike Dup (2402024-MSD1)				**Source: E401020-06**					Prepared: 01/09/24 Analyzed: 01/10/24
Diesel Range Organics (C10-C28)	331	25.0	250	61.3	108	38-132	5.79	20	
Surrogate: n-Nonane	*44.3*		*50.0*		*88.7*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2402027-BLK1)									Prepared: 01/09/24 Analyzed: 01/09/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.0*		*50.0*		*86.0*	*50-200*			
LCS (2402027-BS1)									Prepared: 01/09/24 Analyzed: 01/09/24
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	*43.7*		*50.0*		*87.4*	*50-200*			
Matrix Spike (2402027-MS1)				**Source: E401020-25**					Prepared: 01/09/24 Analyzed: 01/09/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	*42.1*		*50.0*		*84.3*	*50-200*			
Matrix Spike Dup (2402027-MSD1)				**Source: E401020-25**					Prepared: 01/09/24 Analyzed: 01/09/24
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.632	20	
Surrogate: n-Nonane	*44.6*		*50.0*		*89.2*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

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 (2402028-BLK1)									Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	ND	20.0							
LCS (2402028-BS1)									Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2402028-MS1)				**Source: E401020-03**					Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	288	20.0	250	38.1	100	80-120			
Matrix Spike Dup (2402028-MSD1)				**Source: E401020-03**					Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	287	20.0	250	38.1	99.6	80-120	0.408	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pinto 36 State Tank Battery	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/15/2024 2:44:44PM

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 (2402029-BLK1)									Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	ND	20.0							
LCS (2402029-BS1)									Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2402029-MS1)				**Source: E401020-22**					Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2402029-MSD1)				**Source: E401020-22**					Prepared: 01/09/24 Analyzed: 01/09/24
Chloride	251	20.0	250	ND	101	80-120	0.551	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:	Pinto 36 State Tank Battery	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/15/24 14:44

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 3

Client: Pima Environmental Services	Bill To
Project: Pinto 36 State Tank Battery	Attention: Spur
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 6-230
Report due by:	

Lab Use Only: Lab WO# E401020 | Job Number 21068-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
7:00	1/8	S	1	S1- Surface	1	X	
7:11				S1- 2'	2		
7:19				S1- 4'	3		
7:25				S2- Surface	4		
7:36				S2- 2'	5		
7:49				S2- 4'	6		
7:58				S3- Surface	7		
8:10				S3- 2'	8		
8:22				S3- 4'	9		
8:33				S4- Suface	10		

Additional Instructions: Billing : 7010 - 7410 cost code : 999362

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
Karime Adame	1-8-24	1:30	Michelle Gaytan	1-8-24	1330
Michelle Gaytan	1-8-24	1625	Andrew Nesso	1-8-24	1700
Andrew Nesso	1-8-24	2330		1-9-24	845

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

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Pinto 36 State TANK Battery	Attention: Spur	Lab WO# E401020
Project Manager: Tom Bynum	Address:	Job Number 21018-0001
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 6-230	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					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
						Analysis and Method												
8:46	1/8	S	1	S4-2'	11									X				
8:49				S4-4'	12													
8:56				S5-Surface	13													
9:08				S5-2'	14													
9:18				S5-4'	15													
9:23				S6-surface	16													
9:33				S6-2'	17													
9:38				S6-4'	18													
9:45				S7-Surface	19													
9:51				S7-2'	20													

Additional Instructions: Billing: 7016-7410 cost code: 999362

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
Karime Adame	1-8-24	1:30	Michelle Gaytan	1-8-24	1330
Michelle Gaytan	1-8-24	1625	Andrew Mesa	1-8-24	1700
Andrew Mesa	1-8-24	2330		1-9-24	845

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

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Pinto 36 State tank Battery	Attention: Spur	Lab WO# E401020
Project Manager: Tom Bynum	Address:	Job Number 21008-0001
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 6-230	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
10:00	1/8	S	1	S7 - 4'	21	
10:17				SW1 - Surface	22	
10:22				SW1 - 1'	23	
10:31				SW2 - Surface	24	
10:37				SW2 - 1'	25	
10:39				SW3 - Surface	26	
10:46				SW3 - 1'	27	
10:55				SW4 - Surface	28	
11:02				SW4 - 1'	29	
*						

Additional Instructions: Billing: 7010-7410 Cost code: 999362

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
Karime Adame	1-8-24	1:30	Michelle Gaylor	1-8-24	1330
Michelle Gaylor	1-8-24	1625	Andrew Nesso	1-8-24	1700
Andrew Nesso	1-8-24	2330		1-9-24	845

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: 1/9/2024 11:59:42AM

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:	01/09/24 08:45	Work Order ID:	E401020
Phone:	(575) 631-6977	Date Logged In:	01/09/24 09:10	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	01/15/24 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?	Yes	
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	

Comments/Resolution

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?	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 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

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 311686

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 311686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334533286**
Incident Name	**NAPP2334533286 PINTO 36 STATE TANK BATTERY @ 0**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PINTO 36 STATE TANK BATTERY
Date Release Discovered	12/09/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
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	
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	Cause: Other | Gasket | Crude Oil | Released: 10 BBL | Recovered: 9 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	*Not answered.*
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)	MAN WAY GASKET LEAKED OIL INTO LINED CONTAINMENT AND ONTO THE LOCATION PAD

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: 311686
	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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: 12/11/2023

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: 311686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 100 and 500 (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	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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 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
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)	41.3
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	507
GRO+DRO (EPA SW-846 Method 8015M)	507
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	01/05/2024
On what date will (or did) the final sampling or liner inspection occur	01/08/2024
On what date will (or was) the remediation complete(d)	01/08/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
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	1400
What is the estimated volume (in cubic yards) that will be remediated	10
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.	

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: 311686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: 02/06/2024
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.	

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: 311686
	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

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: 311686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**299360**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/08/2024**
What was the (estimated) number of samples that were to be gathered	**11**
What was the sampling surface area in square feet	**800**

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	1400
What was the total volume (cubic yards) remediated	10
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)	N/A

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: 02/06/2024

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: 311686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

CONDITIONS

Action 311686

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	328947
	Action Number: 311686
	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 #NAPP2334533286 PINTO 36 STATE TANK BATTERY, thank you. This Remediation Closure Report is approved.	4/11/2024