



RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

APRIL 22, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



April 22, 2025

NMOCD District 2
811 S. First Street
Carlsbad, NM 88220

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

RE: RECLAMATION REPORT

LOCATION: Jayhawk 7 CTB 3

WELL API: N/A

GPS: 32.0545445, -103.506107

INCIDENT LOCATION: J-07-T26S-R34E

COUNTY: Lea

NMOCD REF. NO. NAPP2412148467

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production, LLC. (Devon) to write this Reclamation Report for the Jayhawk 7 CTB 3 (Jayhawk). This report provides an executive summary of the reclamation activities that have been undertaken to date and outlines a proposed plan for ongoing vegetation monitoring.

RELEASE INFORMATION

NAPP2412148467: On April 30, 2024, a valve on a 3-phase separator formed a pinhole leak. The released fluids were calculated to be approximately 9 barrels (bbls) of produced water. A vacuum truck was able to recover 5 bbls of standing fluid.

SITE CHARACTERIZATION

The Jayhawk is located approximately nineteen (19) miles southeast of Jal, NM. This spill site is in Unit J, Section 07, Township 26S, Range 34E, Latitude 32.0545445 Longitude -103.506107, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. The soil in this area is made up of Berino-Cacique association, hummocky according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Jayhawk (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04626), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.49 miles away from the Jayhawk, drilled, June 9, 2022. Conversely, as per the United States Geological Survey well water data (USGS320419103302201), the nearest groundwater depth in this region is recorded at 170 feet BGS, situated approximately 1.56 miles away from the Jayhawk, with the last gauge conducted in 2012. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.



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Jayhawk 7 CTB 3 | NAPP2412148467

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Closure criteria for remediation activities at the Jayhawk are classified under the 51-100' depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 10,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

SITE CONDITIONS AND HISTORY

On May 13, 2024, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4. A complete Laboratory Report can be found in Appendix E.

5-13-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Jayhawk 7 CTB 3								
Date: 5-13-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	29.8
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	25.8
	2'	ND	ND	ND	ND	ND	0	88.4
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	0-4'	ND	ND	ND	ND	ND	0	ND
SW2	0-4'	ND	ND	ND	ND	ND	0	ND
SW3	0-4'	ND	ND	ND	ND	ND	0	ND
SW4	0-4'	ND	ND	ND	ND	ND	0	ND
SW5	0-4'	ND	ND	ND	ND	ND	0	ND
SW6	0-4'	ND	ND	ND	ND	50.1	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On June 20, 2024, after sending a 48-hour notification, application ID:355059 (Appendix C), Pima returned to the site to collect confirmation samples of the area. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5. A complete Laboratory Report can be found in Appendix E.

6-20-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Jayhawk 7 CTB 3								
Date: 6-20-24		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
CS1	Bottom	ND	ND	ND	ND	ND	0	ND
CS2	Bottom	ND	ND	ND	ND	ND	0	ND
CSW1	1'	ND	ND	ND	ND	ND	0	21.4
CSW2	1'	ND	ND	ND	ND	ND	0	ND
CSW3	1'	ND	ND	ND	ND	ND	0	ND
CSW4	1'	ND	ND	ND	ND	ND	0	ND
CSW5	1'	ND	ND	ND	ND	ND	0	ND
CSW6	1'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected



A Remediation Closure Report was submitted on June 25, 2024, and approved by NMOCD on August 20, 2024 (Application ID 36027).

RECLAMATION ACTIVITIES

The release and reclamation extent are on the pad and did not require remediation according to the lab sample results. These results also verified that the top 4 feet of soil in this area includes non-waste containing, earthen material with chloride levels that are less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC. Proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production or subsequent drilling operations.

Full reclamation of the roads themselves will occur once they are no longer needed for ongoing operations and are decommissioned and will remain undisturbed until the roads are no longer in use for servicing active well sites.

RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed from the site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA)-Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA exempt waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD closure criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on location soil type.
- Lease roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.



- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Within 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each reclamation site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.

Preparation and Seeding

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

Traffic Control and Access Restriction

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict site access.

Vegetation Monitoring

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updates will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.

By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:



- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.
- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.

SCHEDULE

Upon approval of this Reclamation Work Plan, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once reclamation activities are complete, a reclamation report will be prepared for the site and submitted to the NMSLO.

CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.

Devon respectfully requests approval of this reclamation closure report for the release area associated with this incident.

Should you have any questions or need additional information, please feel free to contact:

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

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

Respectfully,

DelRae Geller

DelRae Geller

Project Manager

Pima Environmental Services, LLC



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ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map

APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – 48-Hour Sampling Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map




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DEVON ENERGY PRODUCTION, LP.

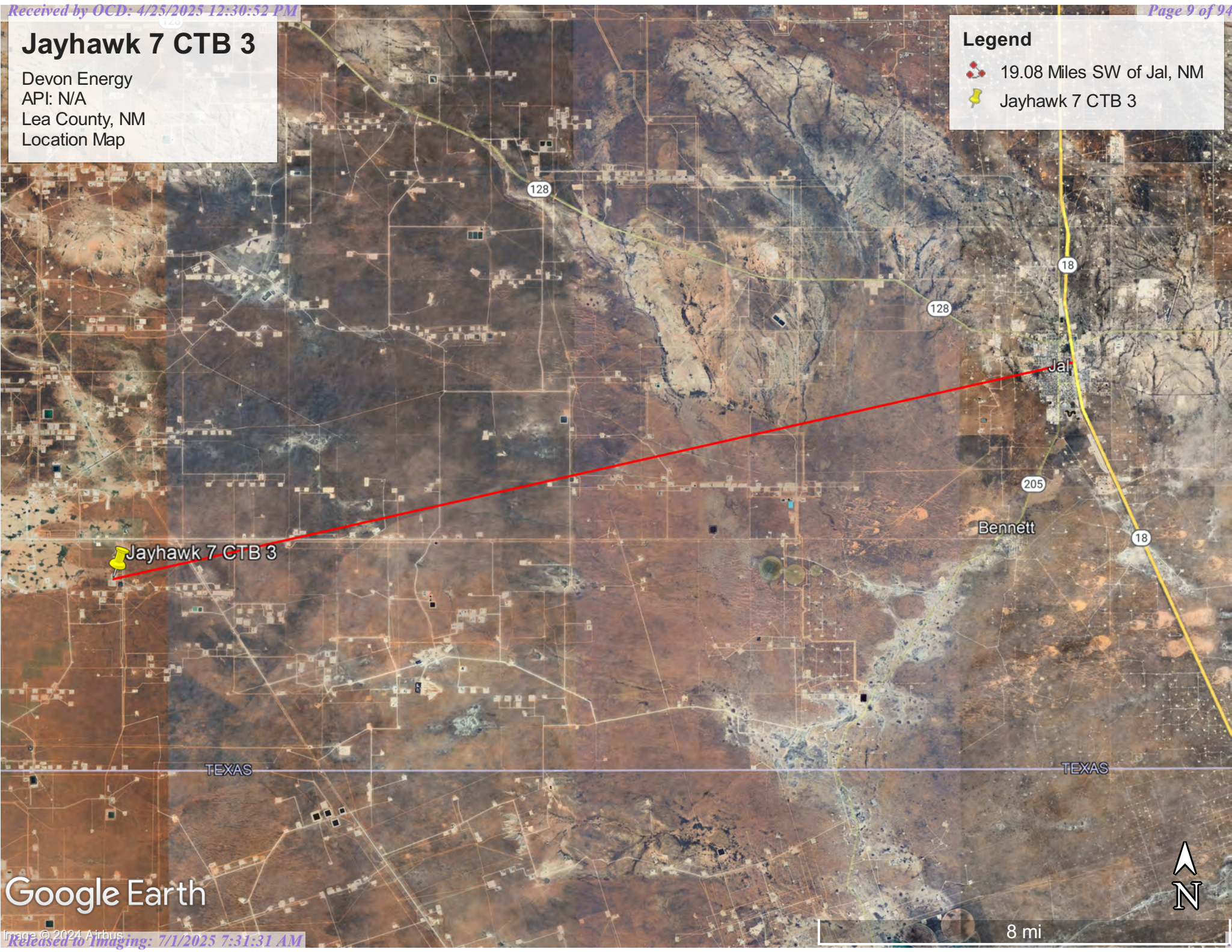
Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Location Map

Legend

 19.08 Miles SW of Jal, NM

 Jayhawk 7 CTB 3




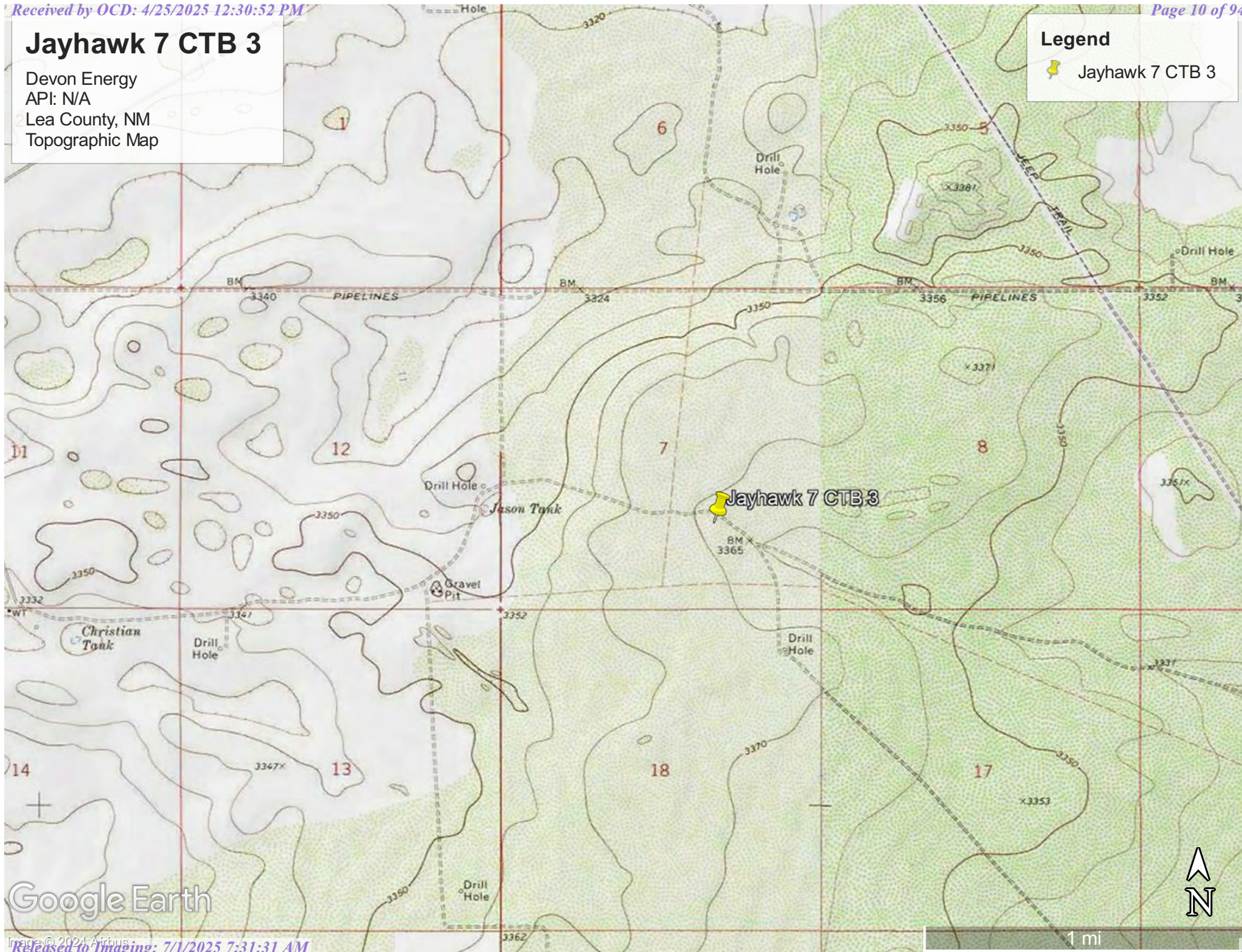
Google Earth

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Topographic Map

Legend

 Jayhawk 7 CTB 3

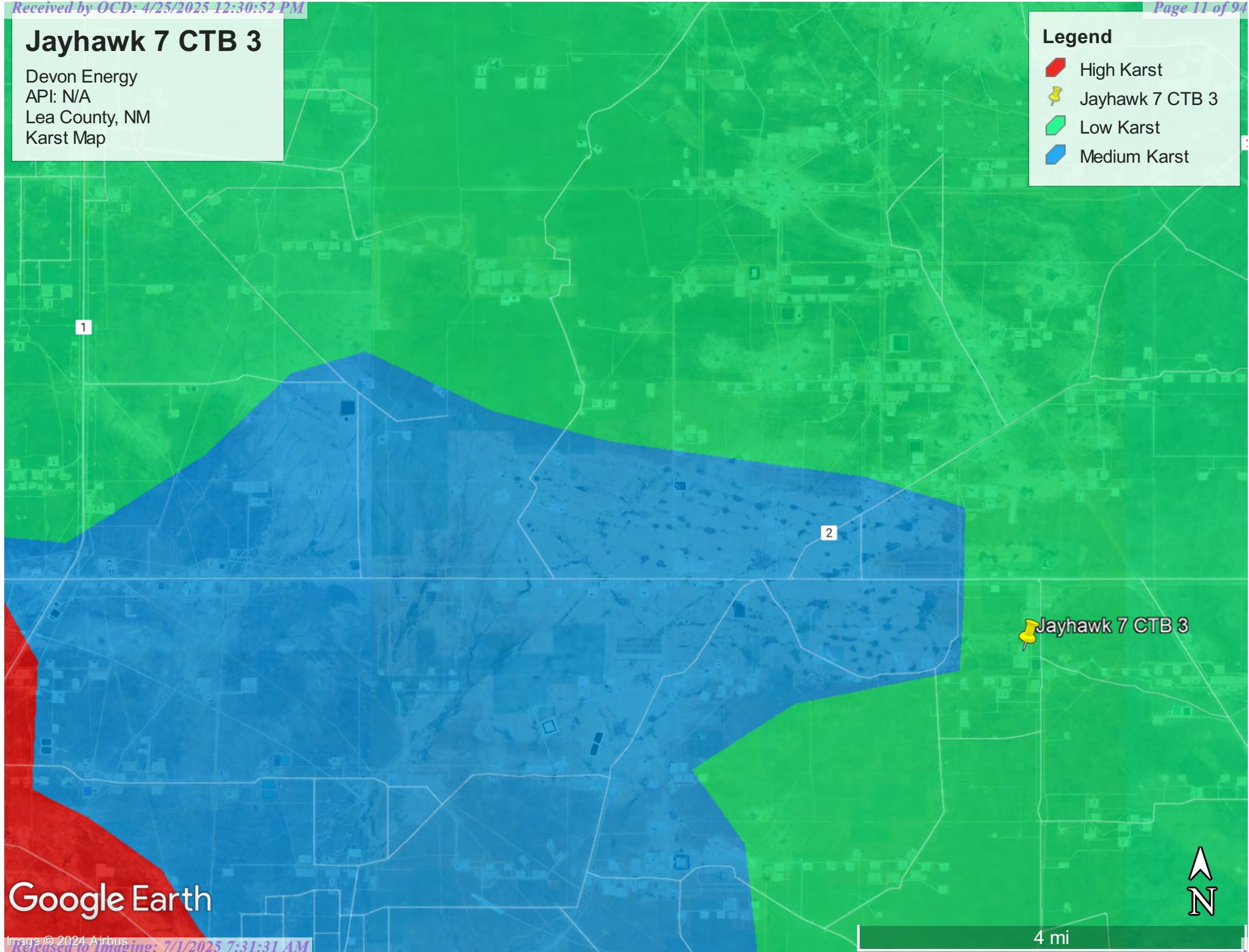


Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Karst Map

Legend

- High Karst
- Jayhawk 7 CTB 3
- Low Karst
- Medium Karst



Google Earth


Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Site Map

Legend

-  Jayhawk 7 CTB 3
-  Samples
-  Sidewalls/Background
-  80 Sqft Jayhawk 7 CTB 3



 Jayhawk 7 CTB 3

SW2

SW3

S1

SW1

SW4

S2

SW5

SW6

BG1



100 ft

Google Earth

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Confirmation Map

Legend

- Confirmation Samples
- Jayhawk 7 CTB 3

CSW2
CSW3 CS1 CSW1
CSW4 CS2 CSW6
CSW5

Jayhawk 7 CTB 3

Google Earth



40 ft

APPENDIX A

OSE Water Survey
USGS Water Survey
Surface Water Map



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DEVON ENERGY PRODUCTION, LP.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	874			
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	1177	250	200	50
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	2530	200	140	60
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	2571	251		
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	2583	250		
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	2690	220	160	60
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3358			
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3562	200	135	65
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3593	200	145	55

Average Depth to Water: **156 feet**

Minimum Depth: **135 feet**

Maximum Depth: **200 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 641030.48

Northing (Y): 3547456.89

Radius: 4000

*UTM location was derived from PLSS - see Help

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


4/10/24 11:24 AM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04626 POD1	4	2	1	18	26S	34E	640644	3546672 
<hr/>									
Driller License:		1249		Driller Company:		ATKINS ENGINEERING ASSOC. INC.			
Driller Name:		JACKIE ATKINS							
<hr/>									
Drill Start Date:		06/09/2022		Drill Finish Date:		06/09/2022		Plug Date:	
Log File Date:		06/16/2022		PCW Rev Date:		Source:			
Pump Type:				Pipe Discharge Size:		Estimated Yield:			
Casing Size:				Depth Well:		Depth Water:			
<hr/>									
Casing Perforations:				Top	Bottom				
				0	55				
<hr/>									

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




4/19/24 1:58 PM

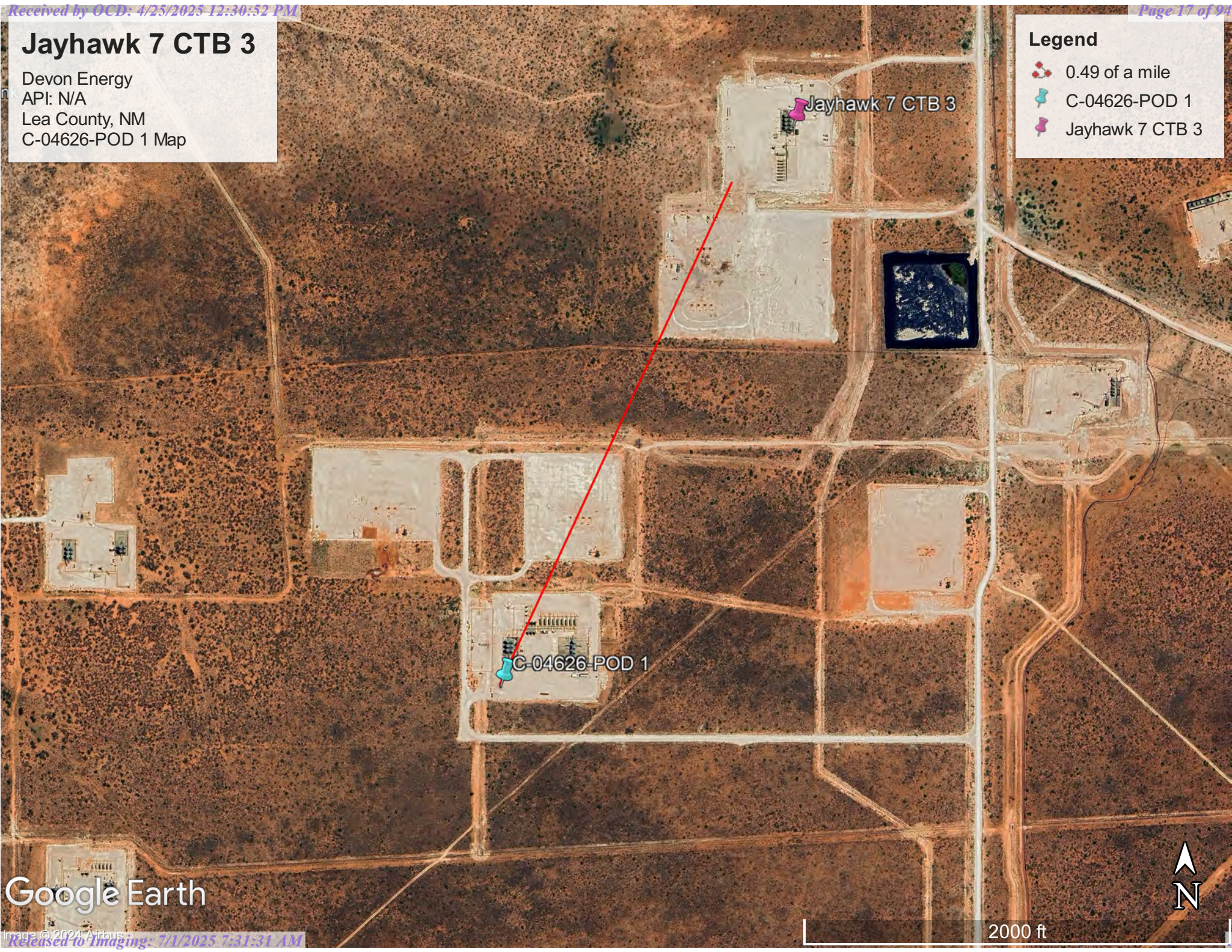
POINT OF DIVERSION SUMMARY

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
C-04626-POD 1 Map

Legend

-  0.49 of a mile
-  C-04626-POD 1
-  Jayhawk 7 CTB 3



Google Earth

2000 ft





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

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 320419103302201

Minimum number of levels = 1

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

USGS 320419103302201 26S.34E.06.21414

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83

Land-surface elevation 3,319.00 feet above NGVD29

The depth of the well is 360 feet below land surface.

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

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

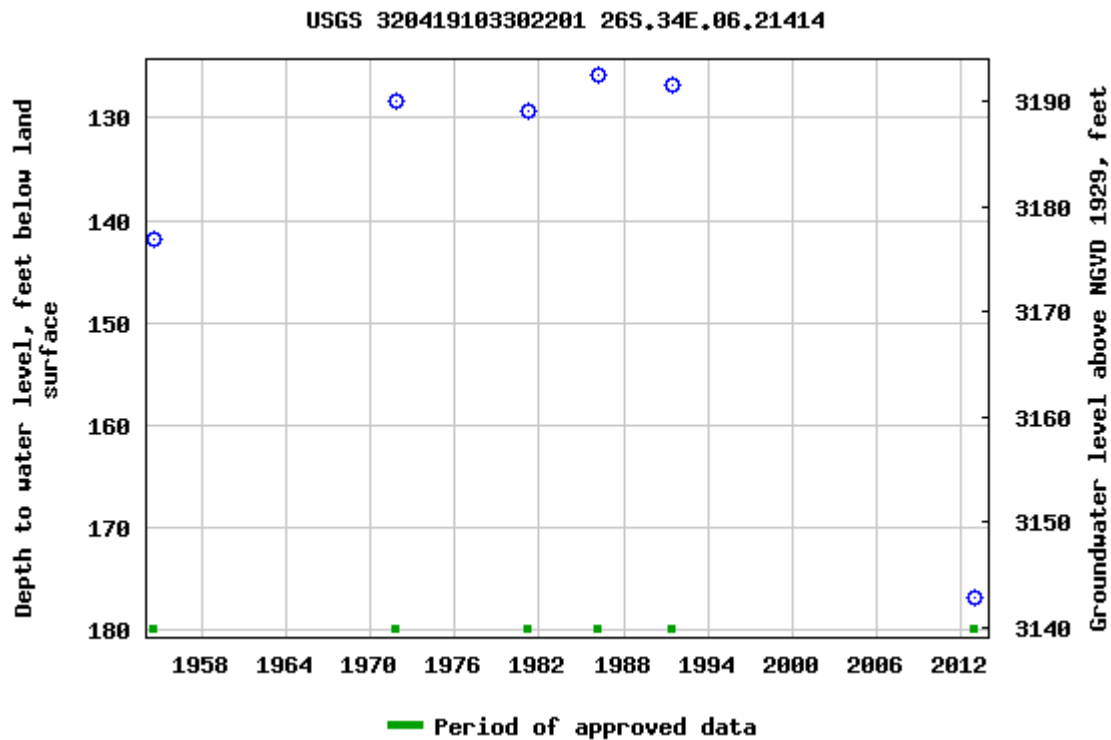
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2024-04-10 11:25:14 EDT

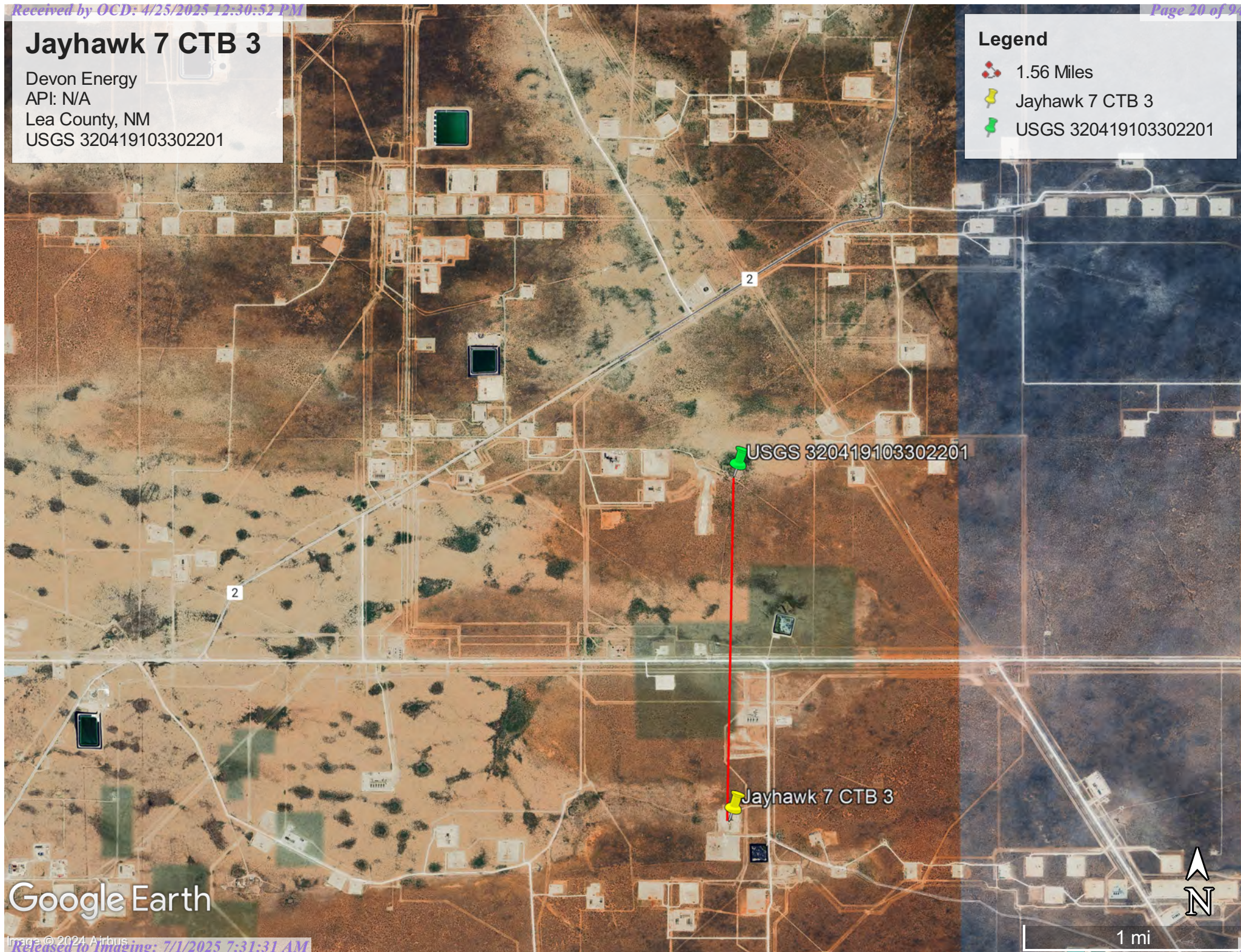
0.61 0.52 nadww02

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
USGS 320419103302201

Legend

- 1.56 Miles
- Jayhawk 7 CTB 3
- USGS 320419103302201






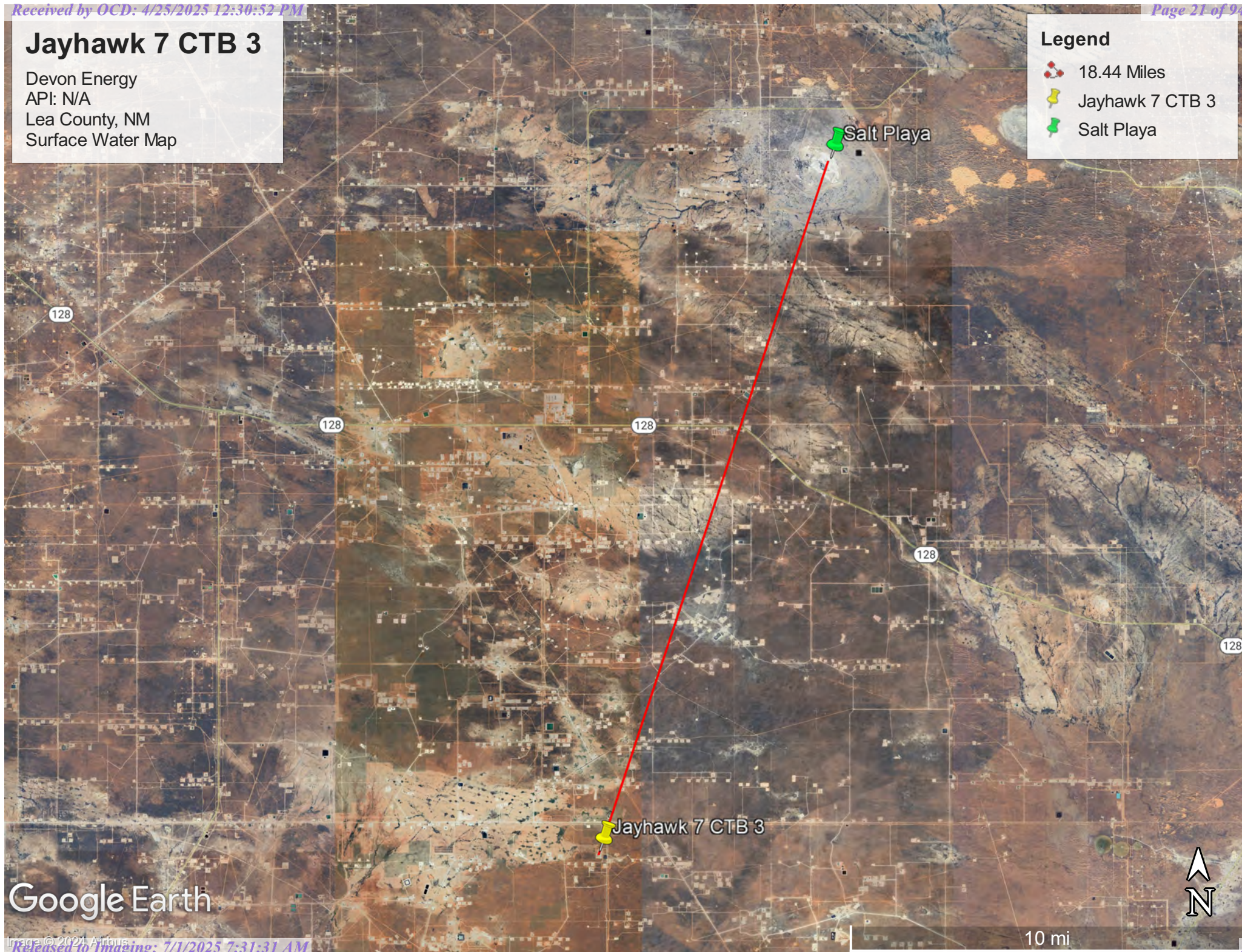
Google Earth

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Surface Water Map

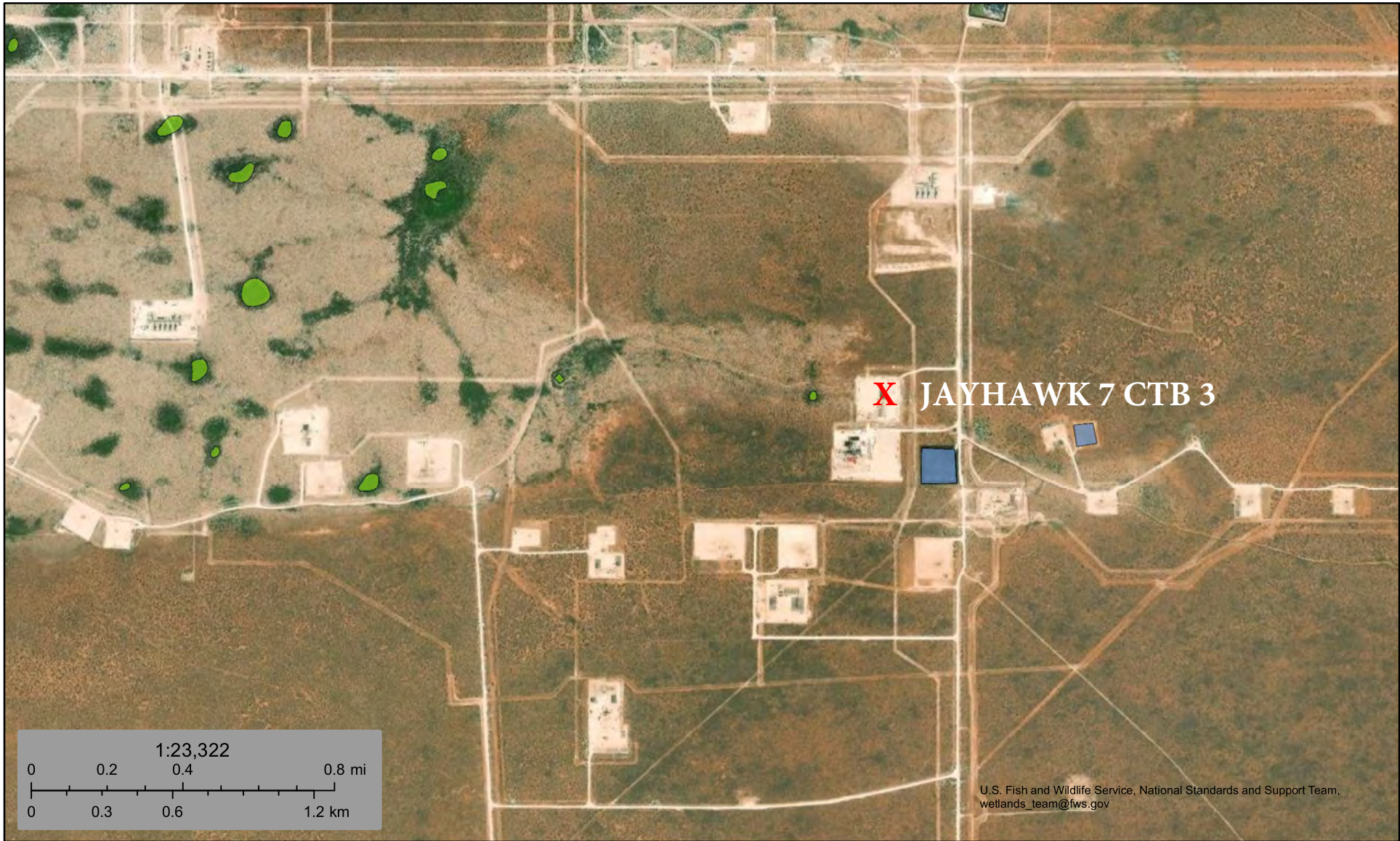
Legend

-  18.44 Miles
-  Jayhawk 7 CTB 3
-  Salt Playa



Google Earth

10 mi



April 10, 2024

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | 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.

Released to Imaging: 7/1/2025 7:31:31 AM

National Flood Hazard Layer FIRMette



103°30'41"W 32°3'32"N



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

1:6,000

103°30'3"W 32°3'1"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/10/2024 at 11:28 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Received by OCD: 4/10/2025 12:30:52 PM

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APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



Pima Environmental Services, LLC
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575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg

Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 13 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent

Cacique and similar soils: 40 percent

Minor components: 10 percent

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

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 10 inches: fine sand

Btk - 10 to 60 inches: sandy clay 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

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Cacique**Setting**

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 7 inches: fine sand

Bt - 7 to 28 inches: sandy clay loam

Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Kermit**

Percent of map unit: 4 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent

Map Unit Description: Berino-Cacique association, hummocky---Lea County, New Mexico

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Palomas

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Dune land

Percent of map unit: 1 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023






Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

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

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

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




Map Unit Legend


Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	13.9	94.3%
PU	Pyote and Maljamar fine sands	0.8	5.7%
Totals for Area of Interest		14.7	100.0%

Jayhawk 7 CTB 3

Devon Energy
API: N/A
Lea County, NM
Geologic Units Map

Legend

-  Eolian and piedmont deposits
-  Jayhawk 7 CTB 3
-  Ogallala Formation

 Jayhawk 7 CTB 3



500 ft

Google Earth

APPENDIX C

48-Hour Sampling Notification



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.

lynsey@pimaoil.com

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Monday, June 17, 2024 1:24 PM
To: 'Gio PimaOil'; Lynsey Pima Oil; Andrew Pima Oil
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 355059

Dale Woodall
Environmental Professional
Hobbs, NM
Office: 575-748-1838
Mobile: 405-318-4697
Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, June 17, 2024 1:22 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 355059

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2412148467.

The sampling event is expected to take place:

When: 06/20/2024 @ 08:30

Where: J-07-26S-34E 1412 FSL 1753 FEL (32.0545445,-103.506107)

Additional Information: Andrew Franco -806-200-0054

Additional Instructions: J-07-26S-34E (32.0545445,-103.506107 NAD83) From the intersection of NM 128 and County Rd 2, travel south on County Rd 2 for 11.55 miles, turn east on Lease Rd for 2.57 miles, turn south on lease rd for 0.65 of a mile, turn west on lease Rd arriving to location.

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

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

APPENDIX D

Photographic Documentation



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.



SITE PHOTOGRAPHS

DEVON ENERGY

Jayhawk 7 CTB 3

Assessment





APPENDIX E

Laboratory Reports



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E405221

Job Number: 01058-0007

Received: 5/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/24/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/24/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Jayhawk 7 CTB 3
Workorder: E405221
Date Received: 5/16/2024 7:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2024 7:15:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/24/24 16:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E405221-01A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S1 - 2'	E405221-02A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S1 - 3'	E405221-03A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S1 - 4'	E405221-04A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S2 - 1'	E405221-05A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S2 - 2'	E405221-06A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S2 - 3'	E405221-07A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
S2 - 4'	E405221-08A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW1	E405221-09A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW2	E405221-10A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW3	E405221-11A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW4	E405221-12A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW5	E405221-13A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
SW6	E405221-14A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.
BG1	E405221-15A	Soil	05/13/24	05/16/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S1 - 1'

E405221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
<i>Surrogate: Bromofluorobenzene</i>		83.4 %	70-130	05/17/24	05/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/17/24	05/21/24	
<i>Surrogate: Toluene-d8</i>		95.9 %	70-130	05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
<i>Surrogate: Bromofluorobenzene</i>		83.4 %	70-130	05/17/24	05/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/17/24	05/21/24	
<i>Surrogate: Toluene-d8</i>		95.9 %	70-130	05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
<i>Surrogate: n-Nonane</i>		111 %	50-200	05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	29.8	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S1 - 2'

E405221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.7 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	98.3 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.7 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	98.3 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	111 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S1 - 3'

E405221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	117 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S1 - 4'

E405221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.5 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.5 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	121 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S2 - 1'

E405221-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.3 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	95.1 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.3 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	95.1 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	114 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	25.8	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S2 - 2'

E405221-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.2 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.2 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	110 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	88.4	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S2 - 3'

E405221-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	82.2 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.5 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	82.2 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	97.5 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	111 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

S2 - 4'

E405221-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/21/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/21/24	
Toluene	ND	0.0250	1	05/17/24	05/21/24	
o-Xylene	ND	0.0250	1	05/17/24	05/21/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/21/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	89.7 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/21/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		05/17/24	05/21/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/17/24	05/21/24	
Surrogate: Toluene-d8	89.7 %	70-130		05/17/24	05/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	113 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

SW1

E405221-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	94.1 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	87.6 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	94.1 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	117 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

SW2

E405221-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	86.0 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	97.9 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	86.0 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	97.9 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	114 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

SW3

E405221-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	85.7 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	99.2 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	85.7 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	99.2 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	117 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

SW4

E405221-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene	88.3 %	70-130		05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/17/24	05/22/24	
Surrogate: Toluene-d8	97.1 %	70-130		05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane	114 %	50-200		05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported: 5/24/2024 4:58:32PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5

E405221-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		107 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		107 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane		117 %	50-200	05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

SW6

E405221-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		86.7 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		107 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		86.7 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		107 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	50.1	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane		119 %	50-200	05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
5/24/2024 4:58:32PM

BG1

E405221-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Benzene	ND	0.0250	1	05/17/24	05/22/24	
Ethylbenzene	ND	0.0250	1	05/17/24	05/22/24	
Toluene	ND	0.0250	1	05/17/24	05/22/24	
o-Xylene	ND	0.0250	1	05/17/24	05/22/24	
p,m-Xylene	ND	0.0500	1	05/17/24	05/22/24	
Total Xylenes	ND	0.0250	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		106 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2420184
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/17/24	05/22/24	
Surrogate: Bromofluorobenzene		113 %	70-130	05/17/24	05/22/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	05/17/24	05/22/24	
Surrogate: Toluene-d8		106 %	70-130	05/17/24	05/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2421047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/24	05/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/24	05/23/24	
Surrogate: n-Nonane		116 %	50-200	05/21/24	05/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421035
Chloride	ND	20.0	1	05/20/24	05/21/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported: 5/24/2024 4:58:32PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420184-BLK1)

Prepared: 05/17/24 Analyzed: 05/21/24

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	0.434		0.500		86.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

LCS (2420184-BS1)

Prepared: 05/17/24 Analyzed: 05/21/24

Benzene	2.35	0.0250	2.50		93.9	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.3	70-130			
Toluene	2.47	0.0250	2.50		98.8	70-130			
o-Xylene	2.26	0.0250	2.50		90.5	70-130			
p,m-Xylene	4.64	0.0500	5.00		92.7	70-130			
Total Xylenes	6.90	0.0250	7.50		92.0	70-130			
Surrogate: Bromofluorobenzene	0.444		0.500		88.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

LCS Dup (2420184-BSD1)

Prepared: 05/17/24 Analyzed: 05/21/24

Benzene	2.42	0.0250	2.50		96.8	70-130	2.96	23	
Ethylbenzene	2.43	0.0250	2.50		97.3	70-130	5.23	27	
Toluene	2.52	0.0250	2.50		101	70-130	2.14	24	
o-Xylene	2.38	0.0250	2.50		95.1	70-130	4.96	27	
p,m-Xylene	4.86	0.0500	5.00		97.1	70-130	4.64	27	
Total Xylenes	7.23	0.0250	7.50		96.5	70-130	4.74	27	
Surrogate: Bromofluorobenzene	0.447		0.500		89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported: 5/24/2024 4:58:32PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420184-BLK1)					Prepared: 05/17/24 Analyzed: 05/21/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.434		0.500		86.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

LCS (2420184-BS2)					Prepared: 05/17/24 Analyzed: 05/21/24				
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.454		0.500		90.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2420184-BSD2)					Prepared: 05/17/24 Analyzed: 05/21/24				
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130	9.21	20	
Surrogate: Bromofluorobenzene	0.458		0.500		91.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/24/2024 4:58:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421047-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			

LCS (2421047-BS1) Prepared: 05/21/24 Analyzed: 05/23/24

Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			

LCS Dup (2421047-BSD1) Prepared: 05/21/24 Analyzed: 05/23/24

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132	1.40	20	
Surrogate: n-Nonane	55.5		50.0		111	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/24/2024 4:58:32PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421035-BLK1)					Prepared: 05/20/24 Analyzed: 05/21/24				
Chloride	ND	20.0							
LCS (2421035-BS1)					Prepared: 05/20/24 Analyzed: 05/21/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2421035-BSD1)					Prepared: 05/20/24 Analyzed: 05/21/24				
Chloride	251	20.0	250		100	90-110	0.591	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:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/24/24 16:58

- 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 2Client: **Pima Environmental Services**Project: **Jayhawk 7 CTB 3**Project Manager: **Glo Gomez**Address: **5614 N. Lovington Hwy.**City, State, Zip: **Hobbs, NM, 88240**Phone: **806-782-1151**Email: **glo@pimaoli.com**

Report due by:

Attention: **Devon**

Address:

City, State, Zip

Phone:

Email:

Pima Project # **360-2**

E 405221

01058-0007

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221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Additional Instructions:

Billing # 2133 8441

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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) <i>Karime Adams</i>	Date 5-15-24	Time 1215	Received by: (Signature) <i>[Signature]</i>	Date 5-15-24	Time 1215	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date 5-15-24	Time 1700	Received by: (Signature) <i>[Signature]</i>	Date 5-15-24	Time 1800	
Relinquished by: (Signature) <i>[Signature]</i>	Date 5-15-24	Time 2400	Received by: (Signature) <i>[Signature]</i>	Date 5/16/24	Time 0715	

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 Analytical Laboratory

Printed: 5/16/2024 3:22:47PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/16/24 07:15	Work Order ID:	E405221
Phone:	(575) 631-6977	Date Logged In:	05/16/24 07:46	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	05/22/24 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
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
 8. If yes, was cooler received in good condition? Yes
 9. Was the sample(s) received intact, i.e., not broken? Yes
 10. Were custody/security seals present? No
 11. If yes, were custody/security seals intact? NA
 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jayhawk 7 CTB 3

Work Order: E406199

Job Number: 01058-0007

Received: 6/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/24/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Jayhawk 7 CTB 3
Workorder: E406199
Date Received: 6/21/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2024 5:30:00AM, under the Project Name: Jayhawk 7 CTB 3.

The analytical test results summarized in this report with the Project Name: Jayhawk 7 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported: 06/24/24 16:23
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-Bottom	E406199-01A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CS2-Bottom	E406199-02A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW1	E406199-03A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW2	E406199-04A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW3	E406199-05A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW4	E406199-06A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW5	E406199-07A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.
CSW6	E406199-08A	Soil	06/20/24	06/21/24	Glass Jar, 2 oz.

Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CS1-Bottom

E406199-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	06/21/24	06/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	06/21/24	06/21/24	
<i>Surrogate: Toluene-d8</i>		113 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	06/21/24	06/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	06/21/24	06/21/24	
<i>Surrogate: Toluene-d8</i>		113 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
<i>Surrogate: n-Nonane</i>		92.8 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CS2-Bottom

E406199-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		101 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		105 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		101 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		105 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		97.5 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW1

E406199-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		103 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		117 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		103 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		117 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		95.7 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	21.4	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW2

E406199-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		104 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		108 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		104 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		108 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		104 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW3

E406199-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		104 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		104 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		97.1 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW4

E406199-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		111 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		107 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		111 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		107 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		95.9 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW5

E406199-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		104 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		104 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		95.0 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



Sample Data

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

Project Name: Jayhawk 7 CTB 3
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
6/24/2024 4:23:06PM

CSW6

E406199-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Benzene	ND	0.0250	1	06/21/24	06/21/24	
Ethylbenzene	ND	0.0250	1	06/21/24	06/21/24	
Toluene	ND	0.0250	1	06/21/24	06/21/24	
o-Xylene	ND	0.0250	1	06/21/24	06/21/24	
p,m-Xylene	ND	0.0500	1	06/21/24	06/21/24	
Total Xylenes	ND	0.0250	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		105 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2425093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/24	06/21/24	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/24	06/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	06/21/24	06/21/24	
Surrogate: Toluene-d8		105 %	70-130	06/21/24	06/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2425094
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/24	06/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/24	06/21/24	
Surrogate: n-Nonane		96.9 %	50-200	06/21/24	06/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2425091
Chloride	ND	20.0	1	06/21/24	06/21/24	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jayhawk 7 CTB 3 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 6/24/2024 4:23:06PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2425093-BLK1)

Prepared: 06/21/24 Analyzed: 06/21/24

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	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2425093-BS1)

Prepared: 06/21/24 Analyzed: 06/21/24

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.27	0.0250	2.50		90.8	70-130			
o-Xylene	2.41	0.0250	2.50		96.4	70-130			
p,m-Xylene	4.83	0.0500	5.00		96.6	70-130			
Total Xylenes	7.24	0.0250	7.50		96.5	70-130			
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

Matrix Spike (2425093-MS1)

Source: E406198-12

Prepared: 06/21/24 Analyzed: 06/22/24

Benzene	2.17	0.0250	2.50	ND	86.8	48-131			
Ethylbenzene	2.30	0.0250	2.50	ND	91.9	45-135			
Toluene	2.35	0.0250	2.50	ND	93.9	48-130			
o-Xylene	2.37	0.0250	2.50	ND	94.8	43-135			
p,m-Xylene	4.75	0.0500	5.00	ND	95.0	43-135			
Total Xylenes	7.12	0.0250	7.50	ND	94.9	43-135			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike Dup (2425093-MSD1)

Source: E406198-12

Prepared: 06/21/24 Analyzed: 06/22/24

Benzene	2.15	0.0250	2.50	ND	86.1	48-131	0.833	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.6	45-135	3.66	27	
Toluene	2.28	0.0250	2.50	ND	91.1	48-130	3.05	24	
o-Xylene	2.34	0.0250	2.50	ND	93.7	43-135	1.19	27	
p,m-Xylene	4.62	0.0500	5.00	ND	92.4	43-135	2.77	27	
Total Xylenes	6.96	0.0250	7.50	ND	92.8	43-135	2.24	27	
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jayhawk 7 CTB 3 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 6/24/2024 4:23:06PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2425093-BLK1)

Prepared: 06/21/24 Analyzed: 06/21/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2425093-BS2)

Prepared: 06/21/24 Analyzed: 06/21/24

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.451		0.500		90.1	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

Matrix Spike (2425093-MS2)

Source: E406198-12

Prepared: 06/21/24 Analyzed: 06/22/24

Gasoline Range Organics (C6-C10)	37.5	20.0	50.0	ND	75.0	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2425093-MSD2)

Source: E406198-12

Prepared: 06/21/24 Analyzed: 06/22/24

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0	ND	76.4	70-130	1.95	20	
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported: 6/24/2024 4:23:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2425094-BLK1) Prepared: 06/21/24 Analyzed: 06/24/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			

LCS (2425094-BS1) Prepared: 06/21/24 Analyzed: 06/24/24

Diesel Range Organics (C10-C28)	317	25.0	250		127	38-132			
Surrogate: n-Nonane	58.5		50.0		117	50-200			

Matrix Spike (2425094-MS1) Source: E406198-07 Prepared: 06/21/24 Analyzed: 06/24/24

Diesel Range Organics (C10-C28)	304	25.0	250	ND	121	38-132			
Surrogate: n-Nonane	55.7		50.0		111	50-200			

Matrix Spike Dup (2425094-MSD1) Source: E406198-07 Prepared: 06/21/24 Analyzed: 06/24/24

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132	1.50	20	
Surrogate: n-Nonane	53.8		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jayhawk 7 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/24/2024 4:23:06PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2425091-BLK1)					Prepared: 06/20/24 Analyzed: 06/20/24				
Chloride	ND	20.0							
LCS (2425091-BS1)					Prepared: 06/20/24 Analyzed: 06/20/24				
Chloride	248	20.0	250		99.1	90-110			
Matrix Spike (2425091-MS1)					Source: E406186-06		Prepared: 06/20/24 Analyzed: 06/20/24		
Chloride	509	20.0	250	271	95.2	80-120			
Matrix Spike Dup (2425091-MSD1)					Source: E406186-06		Prepared: 06/20/24 Analyzed: 06/20/24		
Chloride	527	20.0	250	271	103	80-120	3.65	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:	Jayhawk 7 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/24/24 16:23

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Jayhawk 7 CTB3		Attention: Devon		Lab WO# E406199		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip Hobbs, NM, 88240		Phone:											
Phone: 806-782-1151		Email:											
Email: gio@pimaoil.com		Pima Project # 360-2											
Report due by:													

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
8:25	6/20	S	1	CS1 - Bottom	1							X		
8:31				CS2 - Bottom	2									
8:36				CSW1	3									
8:43				CSW2	4									
8:49				CSW3	5									
8:52				CSW4	6									
8:59				CSW5	7									
9:16				CSW6	8									

Additional Instructions:

B# 21344674

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 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>Carime Adame</i>	6-19-24	1309	<i>[Signature]</i>	6-19-24	1309	Received on ice: Y / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<i>[Signature]</i>	6-20-24	1630	<i>[Signature]</i>	6-20-24	1630	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
<i>[Signature]</i>	6-20-24	2400	<i>[Signature]</i>	6-21-24	0530	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 Analytical Laboratory

Printed: 6/21/2024 3:33:45PM

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:	06/21/24 05:30	Work Order ID:	E406199
Phone:	(575) 631-6977	Date Logged In:	06/20/24 17:28	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	06/21/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**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? Yes

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 455777

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2412148467
Incident Name	NAPP2412148467 JAYHAWK 7 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2130256817] JAYHAWK 7 CTB 3

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JAYHAWK 7 CTB 3
Date Release Discovered	04/30/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	valve on separator formed a pinhole. well was shut in. leak isolated. truck called out for recovery. 5 bbls recovered

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QUESTIONS, Page 2

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/09/2024
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QUESTIONS, Page 3

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>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.</i>	
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	88.4
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/25/2024
On what date will (or did) the final sampling or liner inspection occur	06/25/2024
On what date will (or was) the remediation complete(d)	06/25/2024
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	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	analytical results were below state action levels
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/09/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	355059
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/20/2024
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	80

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	analytical results were below state action levels

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/09/2024
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QUESTIONS, Page 7

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	80
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	12/01/2040
Summarize any additional reclamation activities not included by answers (above)	Initial Sampling was completed; no remediation was required.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 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: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 04/25/2025

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QUESTIONS, Page 8

Action 455777

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 455777

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455777
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Reclamation report is approved, but it should be noted that the incident occurred within an area reasonably needed for production or subsequently drilling operations and that the reclamation portion has not been completed per 19.15.29.13D (2) NMAC. This is temporary reprieve and may be denied for other incidents submitted after June 24, 2025. See Application ID 449450 for initial reclamation report approved for related on-pad case.	7/1/2025