

Volume calculator

There was no volume calculator prepared when the spill occurred.



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

October 3, 2024

Bureau of Land Management  
 620 East Green Street  
 Carlsbad, NM 88220

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

**Re: Remediation Work Plan**  
**Jones Federal B #3**  
**API No. 30-015-10394**  
**GPS: Latitude 32.642550 Longitude -103.824556**  
**UL P, Section. 23, T19S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NMLB1129240104**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production, LLC. (Devon) to write a remediation work plan for a crude oil release that occurred at the Jones Federal B #3 ("Jones"). The initial C-141 was submitted on October 6, 2011 (Appendix C). This incident was assigned Incident ID NMLB1129240104 by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Jones is located approximately fourteen (14) miles southeast of Loco Hills, NM. This spill site is in Unit P, Section 23, Township 19S, Range 31E, Latitude 32.642550 Longitude -103.824556, Eddy County, NM. Figure 1 references a Location Map.

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

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 102 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 141 feet BGS. The closest waterway is a Salt Playa and is located approximately 3.75 miles to the south of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg	100 mg/kg	50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

**Release Information**

**NMLB1129240104:** On October 1, 2011, the separator went off on a high level and oil was spraying out of a vent line. The lease operator shut the well in immediately so the separator could be repaired. The released fluids were calculated to be approximately 32 barrels (bbls) of crude oil. A vacuum truck was able to recover approximately 24 bbls of standing fluid.

**Site Assessment and Soil Sampling Results**

On January 8, 2021, Pima mobilized personnel to the site to assess the area. We sampled the impacted area. Laboratory results of this sampling event can be found in the following data table. An Original Site Map can be found in Figure 4.

1-8-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')									
Devon Energy- Jones Federal B #3									
NM Approved Laboratory Results									
Sample ID	Sample Date	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	1/8/2021	0-6"	ND	ND	ND	802	597	1399	480
		1'	ND	ND	ND	833	599	1432	448
		2'	ND	ND	ND	246	197	443	240
		3'	ND	ND	ND	43.9	10.8	54.7	272
S2	1/8/2021	0-6"	ND	ND	ND	3490	1940	5430	768
		1'	ND	ND	ND	801	499	1300	432
		2'	ND	ND	ND	378	224	602	272
		3'	ND	ND	ND	116	76.1	192.1	128
S3	1/8/2021	0-6"	2.86	ND	126	7430	2710	10266	3000
		1'	3.76	ND	159	4580	1160	5899	2280
		2'	22.6	0.429	1400	15200	3380	19980	1920
		3'	23.1	0.261	1070	10300	2400	13770	1630
S4	1/8/2021	0-6"	77.5	ND	802	11300	2640	14742	2600
		1'	25	0.089	225	3230	853	4308	1090
		2'	ND	ND	ND	ND	ND	ND	720
		3'	ND	ND	ND	34	ND	34	464
BG-1	1/8/2021	0	ND	ND	ND	ND	ND	ND	32
BG-2		0	ND	ND	ND	ND	ND	ND	160
BG-3		0	ND	ND	ND	ND	ND	ND	32

ND- Analyte Not Detected

**Remediation Activities**

On February 26th, 2021, Pima mobilized personnel and equipment to conduct remedial activities. In the vicinity of S-2 we excavated an area approximately 15'x10'x1' BGS. In the vicinity of S-3 we excavate an area approximately 15'x10'x4' BGS. In the vicinity of S-4 we excavated an area approximately 15'x15'x2' BGS. Bottom and sidewall composite samples were obtained to ensure that the horizontal extents of the contamination had been removed. Unfortunately, some of the contamination still existed in S-2 and S-3. Each composite sample was representative of no more than 200 square feet. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 5.

2-26-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')								
DEVON ENERGY - Jones Federal B #3								
Sample Date 2-26-21		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
S2-SW	1'	ND	ND	ND	228	96.9	324.9	352
S2-EW	1'	ND	ND	ND	161	63.9	224.9	640
S2-WW	1'	ND	ND	ND	86.1	23.2	109.3	208
S2-NW	1'	666	29.8	3560	11800	1990	17350	928
S2-CB	1'	0.791	ND	11.7	2280	637	2928.7	832
S3-SW	1'	ND	ND	ND	1630	447	2077	496
S3-EW	1'	2.85	ND	156	5970	1290	7416	544
S3-WW	1'	ND	ND	ND	772	345	1117	224
S3-NW	1'	1.47	ND	130	3790	743	4663	480
S3-CB	1'	ND	ND	ND	550	191	741	464
S4-SW	1'	ND	ND	ND	75.4	22.2	97.6	288
S4-EW	1'	ND	ND	ND	236	125	361	160
S4-WW	1'	ND	ND	ND	ND	ND	0	64
S4-NW	1'	ND	ND	ND	ND	ND	0	48
S4-CB	1'	ND	ND	ND	374	214	588	80

ND- Analyte Not Detected

On March 5, 2021, Pima returned to continue remedial activities. In the vicinity of S-2, we extended the north side wall by 1', and removed 1' of soil from the bottom. In the vicinity of S-3, we extended the south, east and north side walls by 1' each. Pima personnel collected confirmation samples to verify all contaminated soil had been removed. The contaminated soil, which was approximately 71 cubic yards, was hauled to an approved, lined disposal facility and clean backfill material was brought in. Laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 6.

3-5-21 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')								
DEVON ENERGY - JONES FED B #3								
Sample Date 3-5-21		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
CS2-NW	1'	ND	ND	ND	ND	ND	ND	-
CS2-CB	2'	ND	ND	ND	ND	ND	ND	-
CS3-SW	1'	ND	ND	ND	ND	ND	ND	-
CS3-EW	1'	ND	ND	ND	ND	ND	ND	-
CS3-NW	1'	ND	ND	ND	ND	ND	ND	-

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

**Countermeasures due to Rejection: (22670)**

On January 12, 2023, the NMOCD denied the remediation closure report citing: “The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) NMLB1129240104 for the following reasons:

- **Closure report denied. Depth to groundwater data is inadequate. Additional delineation is required. Submit work plan by 4/14/2023.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 22670. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.”

On January 17 & 30, 2023, in response to a rejected closure report, Pima Environmental returned to the Jones to conduct further delineation activities. Pima collected two additional bottom samples around S2 and S3, along with four side wall samples labeled SW1-SW4. The laboratory results of this sampling event can be found in the following data tables. A Delineation Map can be found in Figure 7.

1-17-2023 and 1-30-2023 Delineation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')								
DEVON ENERGY - JONES FED B #3								
Sample Date: 1/17/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-2	4'	ND	ND	ND	ND	ND	ND	ND
S-3	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')								
DEVON ENERGY - JONES FED B #3								
Sample Date: 1/30/23		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
SW 1	4'	ND	ND	ND	ND	ND	ND	ND
SW 2	4'	ND	ND	ND	ND	ND	ND	ND
SW 3	4'	ND	ND	ND	ND	ND	ND	ND
SW 4	4'	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

On September 22, 2023, after submitting a 48-hour notification (Appendix C) Pima returned to collect confirmation samples at 4' on CS2, CS3 & CS4 and 5-point composite sidewall samples from surface, 1', 2', 3', and 4' on CS 2 W1-W4, CS 3 W1-4, CS4 W1-4, and CS 4 W1-4 to show full delineation was achieved and site was remediated to the most stringent levels listed in Table 1 of 19.15.29 NMAC. Laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 8.

9-22-2023 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')									
DEVON ENERGY - JONES FED B #3									
Sample Date: 9/22/23		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
CS 2	4'	ND	ND	ND	ND	ND	ND	20.4	
CS 3	4'	ND	ND	ND	ND	ND	ND	ND	
CS 4	4'	ND	ND	ND	ND	ND	ND	ND	
CS 2 W1	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 2 W2	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 2 W3	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 2 W4	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 3 W1	0-4'	ND	ND	ND	ND	ND	ND	ND	
CS 3 W2	0-4'	ND	ND	ND	ND	ND	ND	ND	
CS 3 W3	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 3 W4	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 4 W1	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 4 W2	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 4 W3	0'-4'	ND	ND	ND	ND	ND	ND	ND	
CS 4 W4	0'-4'	ND	ND	ND	ND	ND	ND	ND	

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

**Remediation Work Plan due to Rejection: (363668)**

On August 8, 2024, the NMOCD denied the remediation closure report citing:

“The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NMLB1129240104 for the following reason:

- Remediation closure denied. Sample S1 (1/5/2021) exceeds closure criteria and was not address in remedial activities. Table in submitted report indicates release is being closed at the most stringent criteria of <50 feet depth to groundwater. If water data has been updated, update the closure report to include new documentation.

“The rejected C-141 can be found in the OCD Online: Permitting -Action Status, under the Application ID: 363668. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.”

**Remediation Work Plan**

On behalf of Devon Energy, Pima proposes to remediate the area of S1 by the following method:

1. Submit a one-call through the NM811 system.
2. The estimated volume of soil to be remediated is approximately 23 cubic yards. This is based on a 200 square foot area and An average depth of 3 feet bgs.

3. We propose to excavate the entire area by mechanical and hand excavation means and dispose of the contaminated soil at an NMOCD-approved disposal facility. A Proposed Excavation Map can be found in Figure 9.
4. After Devon submits a 48-hour notification we will collect 5-point composite samples from the excavated area. These sample points will be base samples from the excavated area, and sidewall samples from the walls of the excavated area representative of no more than 200 square feet.
5. Upon final receipt of lab reports showing contamination levels are under the regulatory limits of Table 1 NMAC 19.15.29, clean, like backfill material will be used to backfill the excavation and a closure report will be submitted to the NMOCD portal for review and approval.
6. Work will commence within 30 days of approval of this work plan by NMOCD and will be completed within 30 days after the start of construction.

Should you have any questions or need additional information, please feel free to contact DelRae Geller at 806-724-5391 or [delrae@pimaoil.com](mailto:delrae@pimaoil.com).

Respectfully,

*DelRae Geller*

DelRae Geller  
Project Manager  
Pima Environmental Services, LLC.

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Original Site Map
- 5- Site Map
- 6- Confirmation Sample Map
- 7- Delineation Map
- 8- Confirmation Sample Map
- 9- Proposed Excavation Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form, 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

**Figures:**

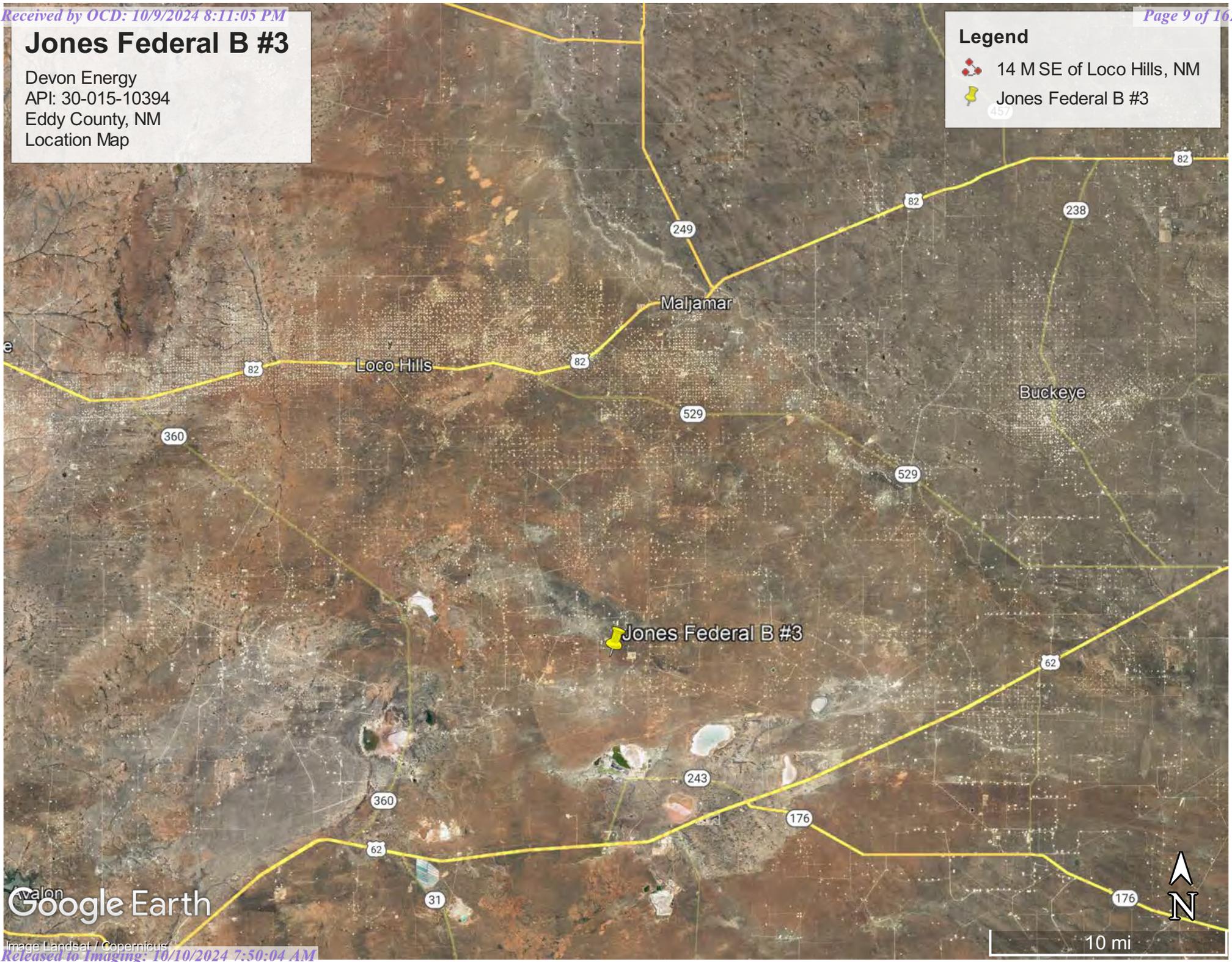
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Original Site Map
- 5-Site Map
- 6-Confirmation Sample Map
- 7-Delineation Map
- 8-Confirmation Sample Map
- 9-Proposed Excavation Map

# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
Location Map

**Legend**

-  14 M SE of Loco Hills, NM
-  Jones Federal B #3



Google Earth

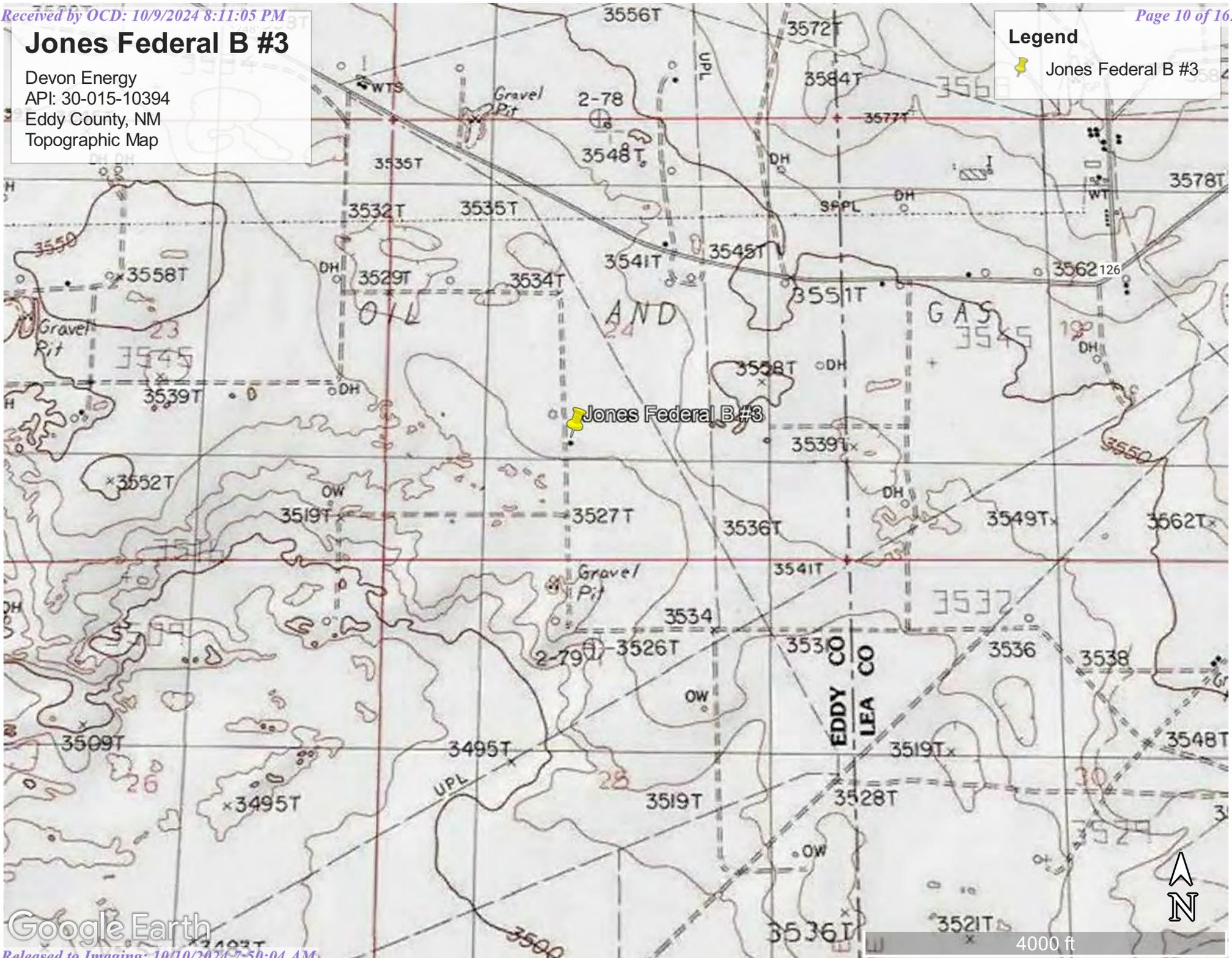


# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
Topographic Map

**Legend**

-  Jones Federal B #3



# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
Karst Map

## Legend

-  High Karst
-  Jones Federal B #3
-  Low Karst
-  Medium Karst



Google Earth

4 mi

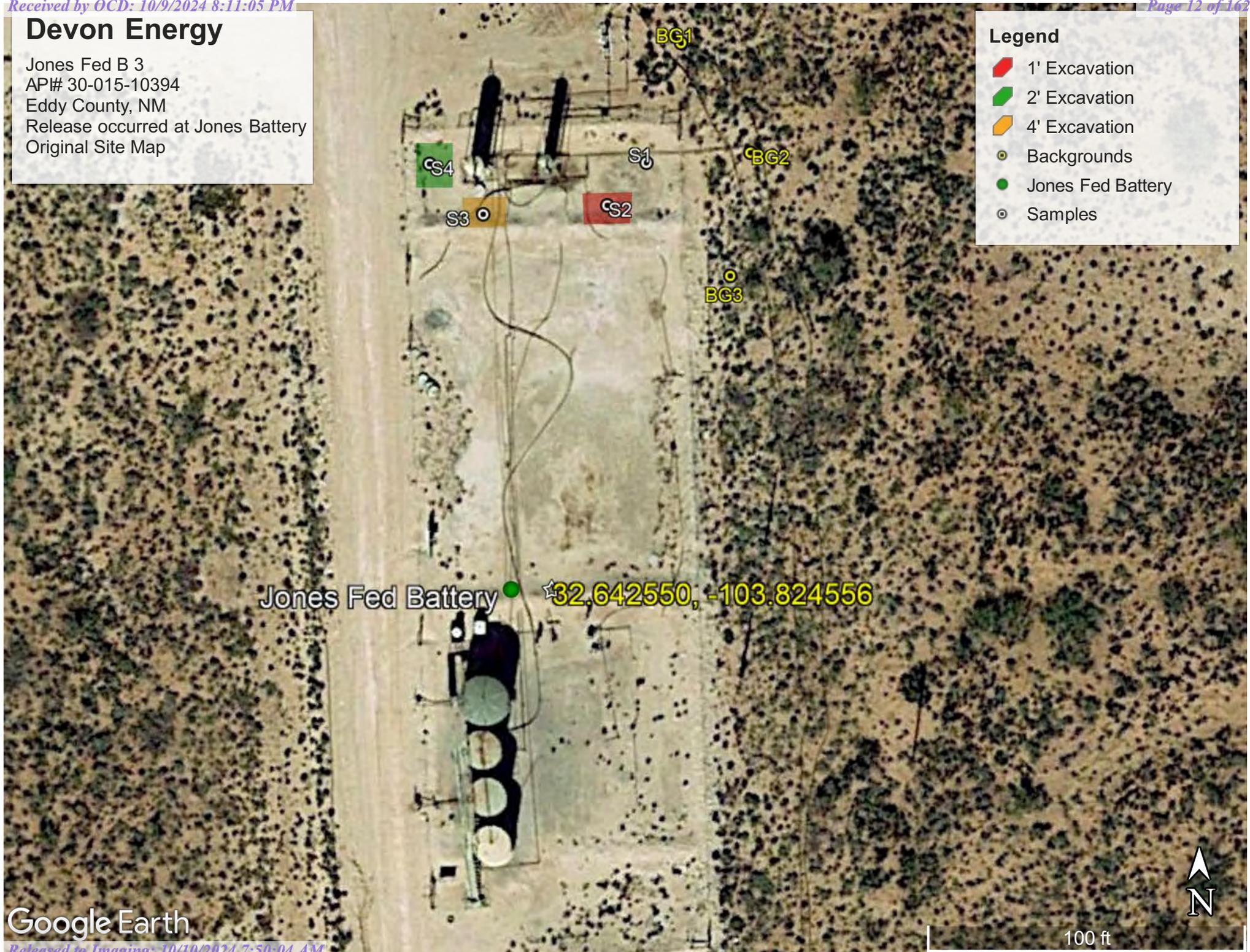


# Devon Energy

Jones Fed B 3  
API# 30-015-10394  
Eddy County, NM  
Release occurred at Jones Battery  
Original Site Map

**Legend**

- 1' Excavation
- 2' Excavation
- 4' Excavation
- Backgrounds
- Jones Fed Battery
- Samples

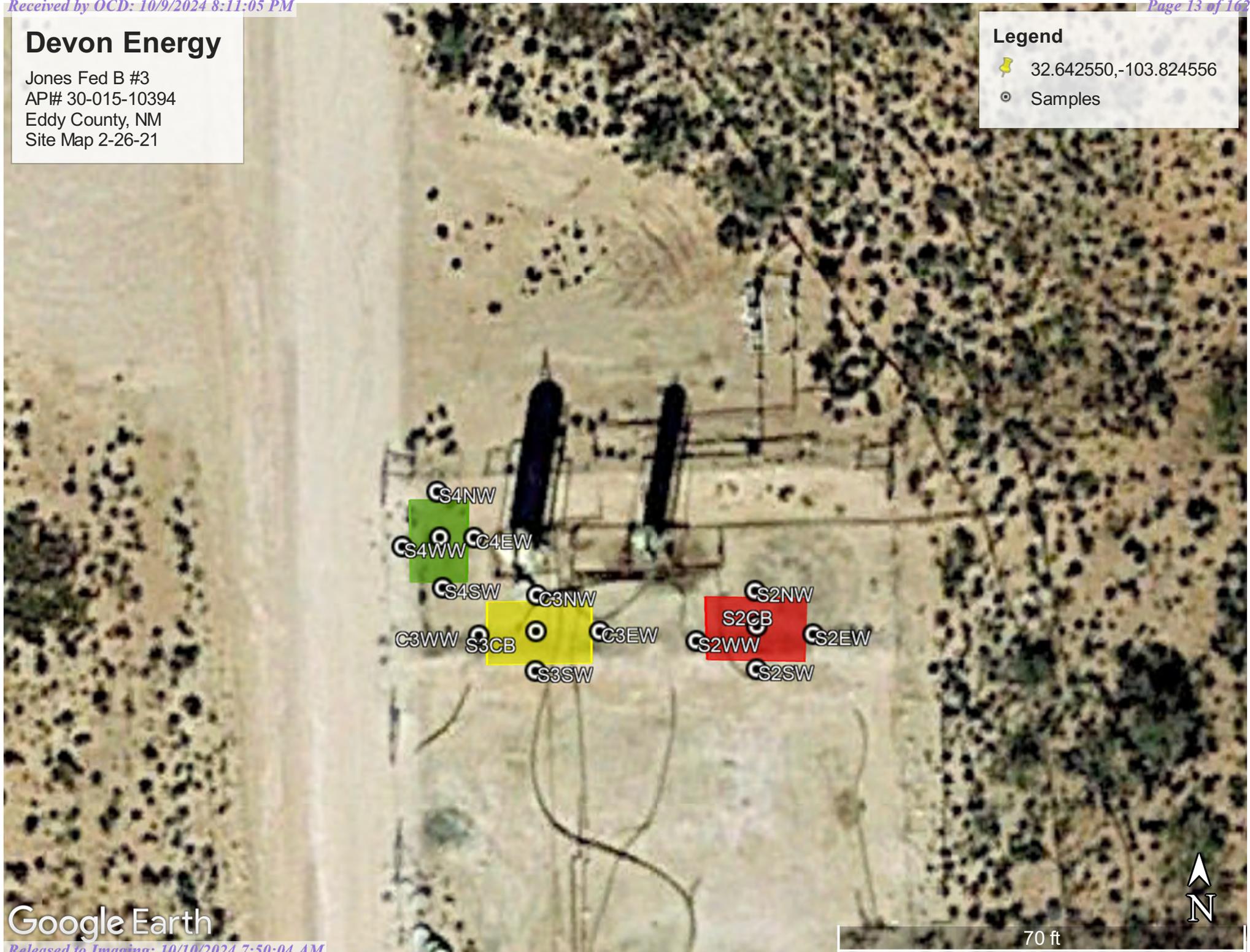


# Devon Energy

Jones Fed B #3  
AP# 30-015-10394  
Eddy County, NM  
Site Map 2-26-21

**Legend**

-  32.642550,-103.824556
-  Samples



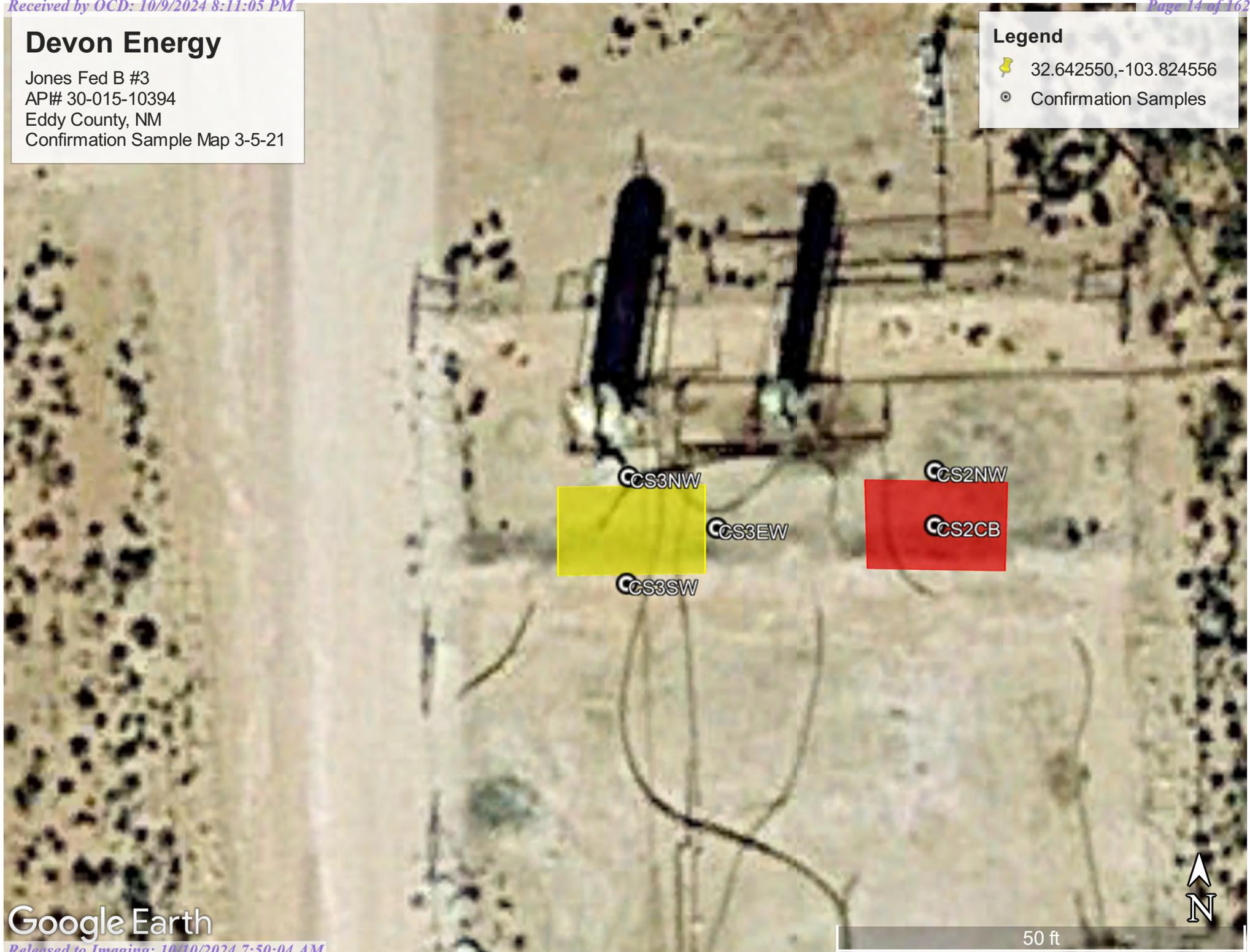
CS4NW  
 CS4WW CS4EW  
 CS4SW CS3NW  
 C3WW S3CB CS3EW  
 CS3SW  
 CS2NW  
 S2CB  
 CS2WW CS2EW  
 CS2SW

# Devon Energy

Jones Fed B #3  
AP# 30-015-10394  
Eddy County, NM  
Confirmation Sample Map 3-5-21

**Legend**

-  32.642550,-103.824556
-  Confirmation Samples

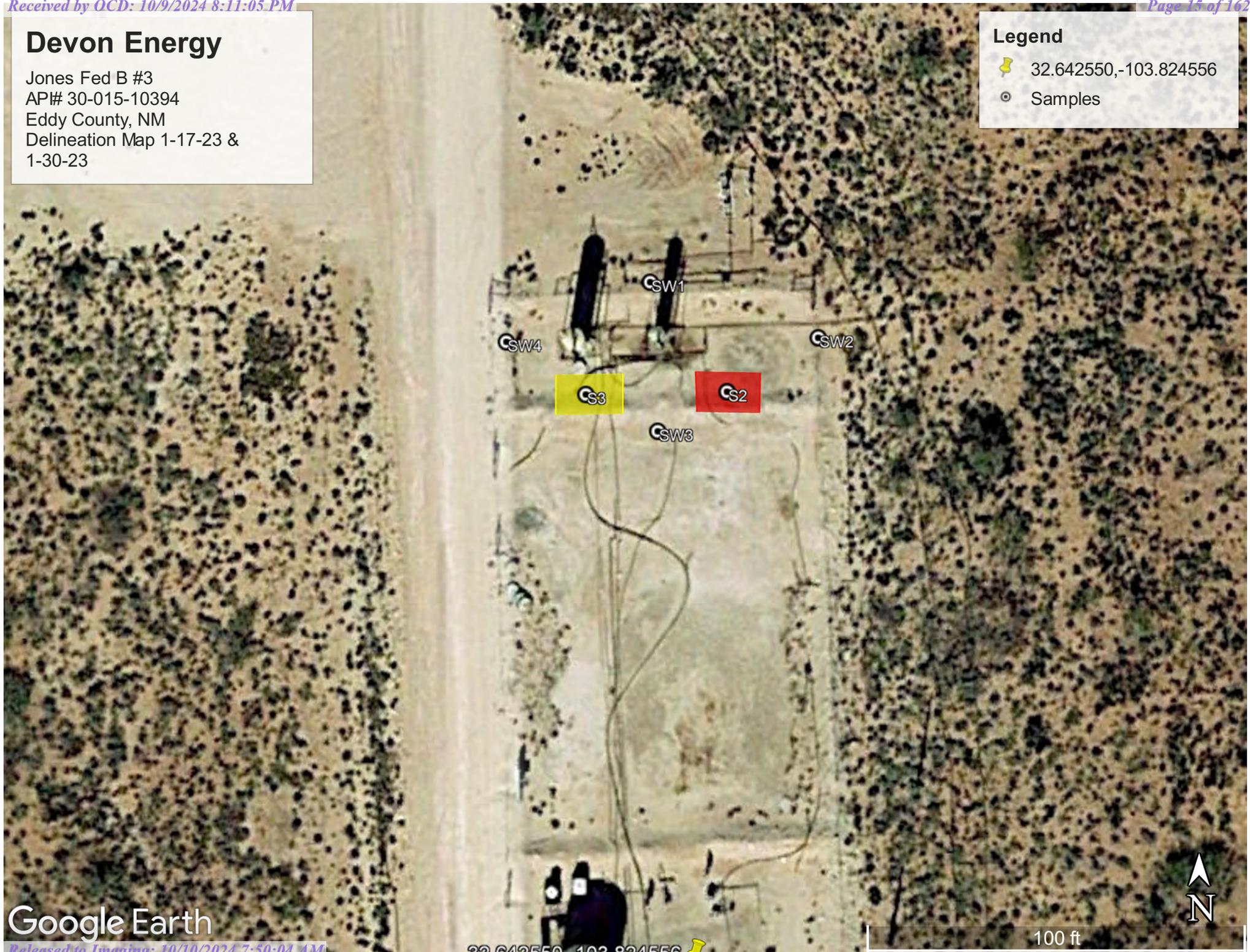


# Devon Energy

Jones Fed B #3  
AP# 30-015-10394  
Eddy County, NM  
Delineation Map 1-17-23 &  
1-30-23

**Legend**

-  32.642550,-103.824556
-  Samples



Google Earth

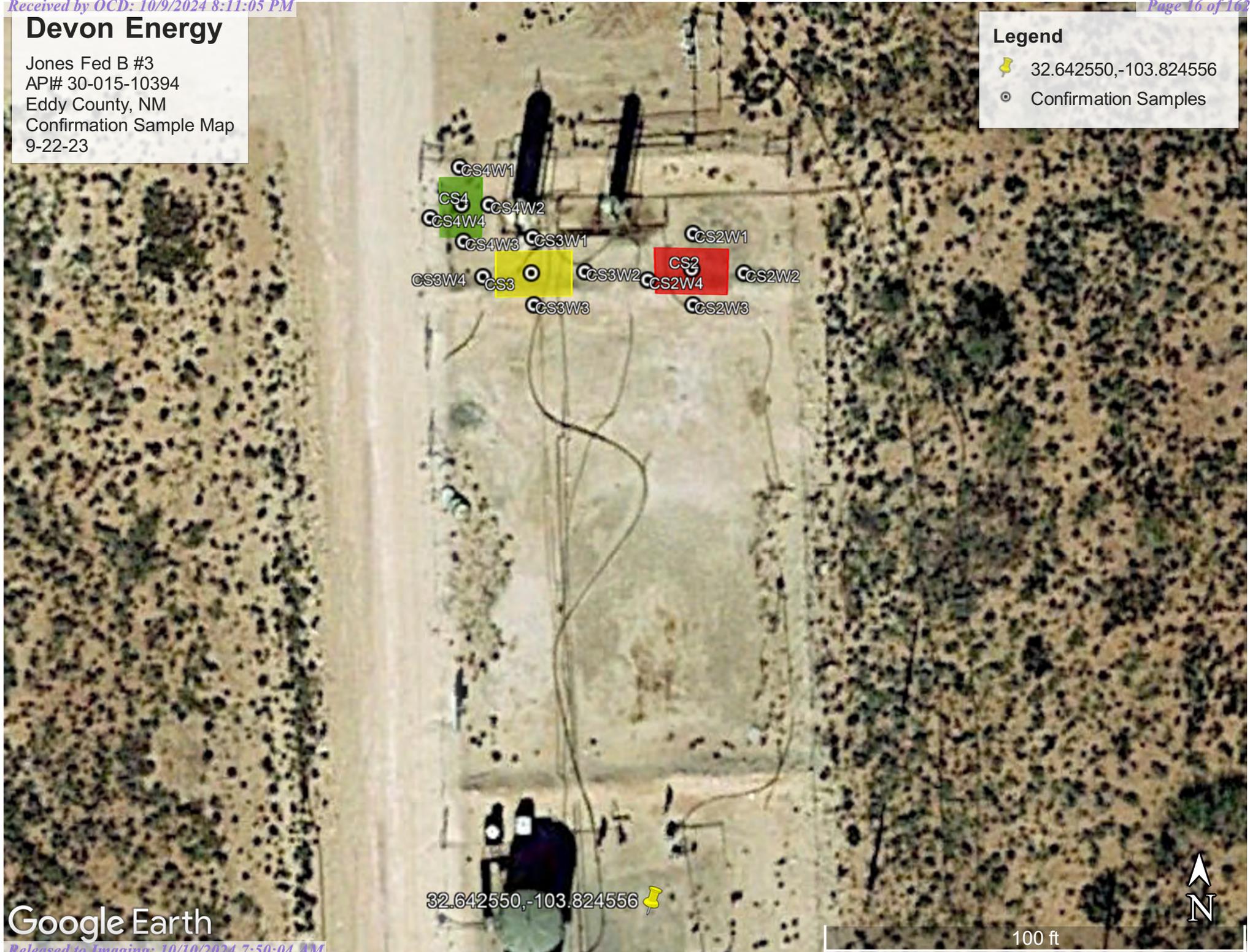
 100 ft

# Devon Energy

Jones Fed B #3  
API# 30-015-10394  
Eddy County, NM  
Confirmation Sample Map  
9-22-23

**Legend**

-  32.642550,-103.824556
-  Confirmation Samples



Google Earth

32.642550,-103.824556 

100 ft 

# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
Proposed Excavation Map

**Legend**

-  3' Excavation
-  Jones Federal B #3
-  S1 Sample Point



Jones Federal B #3



100 ft



Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 00642 POD1</a>		CP	ED	2	2	25	19S	31E		611025	3611657*	988	250		
<a href="#">CP 01939 POD1</a>		CP	ED	2	4	2	26	19S	31E	609488	3611347	1196			
<a href="#">CP 00563 POD1</a>		CP	LE	1	1	2	19	19S	32E	612118	3613376*	2170	300		
<a href="#">CP 00640 POD1</a>		CP	LE	2	2	19	19S	32E		612621	3613280*	2577	260	102	158
<a href="#">CP 00641 POD1</a>		CP	ED	4	1	36	19S	31E		610247	3609634*	2636	300	130	170
<a href="#">CP 00639 POD1</a>		CP	LE	3	1	20	19S	32E		613029	3612880*	2845	350	345	5
<a href="#">CP 01554 POD2</a>		CP	LE	2	2	1	22	19S	31E	607165	3613322	3258	400		
<a href="#">CP 01554 POD1</a>		CP	LE	2	2	1	22	19S	31E	607166	3613354	3269	400		
<a href="#">CP 01656 POD2</a>		CP	LE	3	4	3	17	19S	32E	613364	3613648	3404	70		
<a href="#">CP 01656 POD3</a>		CP	LE	3	4	3	17	19S	32E	613374	3613633	3408	30		
<a href="#">CP 01656 POD1</a>		CP	LE	3	4	3	17	19S	32E	613368	3613646	3408	70		
<a href="#">CP 01864 POD1</a>		CP	ED	4	2	1	34	19S	31E	607068	3609824	4013	110		
<a href="#">CP 00829 POD1</a>		CP	LE	2	4	16	19S	31E		606165	3614009*	4439	120		

Average Depth to Water: **192 feet**  
 Minimum Depth: **102 feet**  
 Maximum Depth: **345 feet**

**Record Count:** 13

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

**Easting (X):** 610249.84

**Northing (Y):** 3612270.6

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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

7/10/23 5:17 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
OSE Pod Map

**Legend**

-  CP-00642 POD1
-  Jones Federal B #3
-  0.61 Miles

Jones Federal B #3

CP-00642 POD1

Google Earth




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 =

- 323807103510601

Minimum number of levels = 1

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

### USGS 323807103510601 19S.31E.27.214132

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'07", Longitude 103°51'06" NAD27

Land-surface elevation 3,500 feet above NAVD88

The depth of the well is 177 feet below land surface.

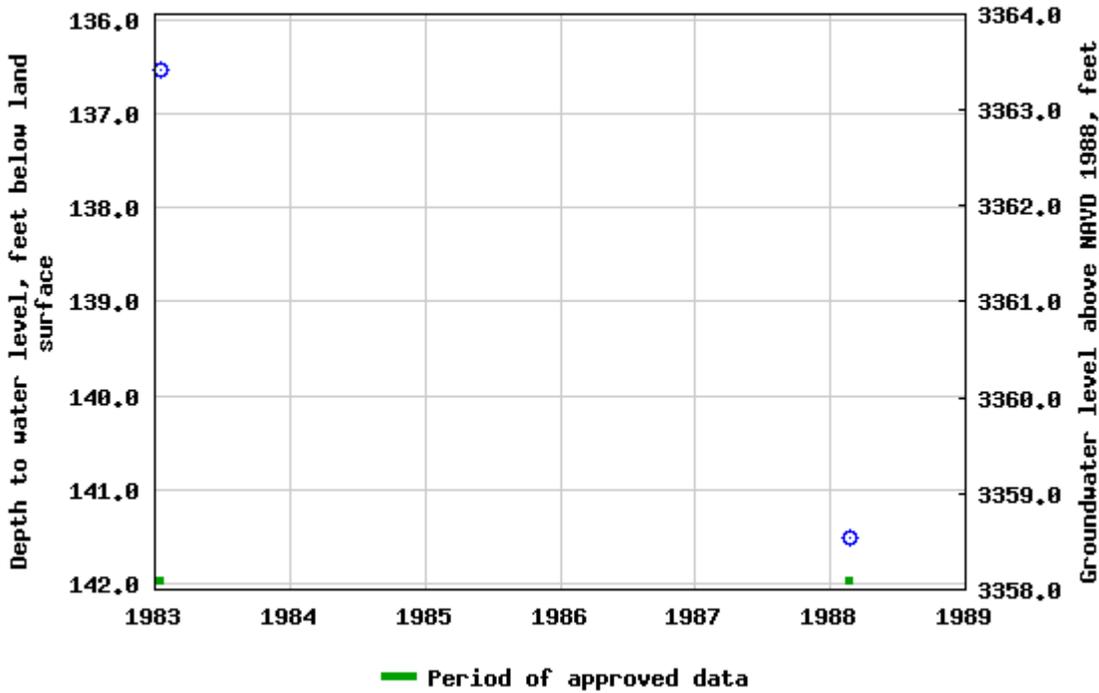
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 323807103510601 19S,31E,27,214132



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

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2023-07-10 18:58:25 EDT

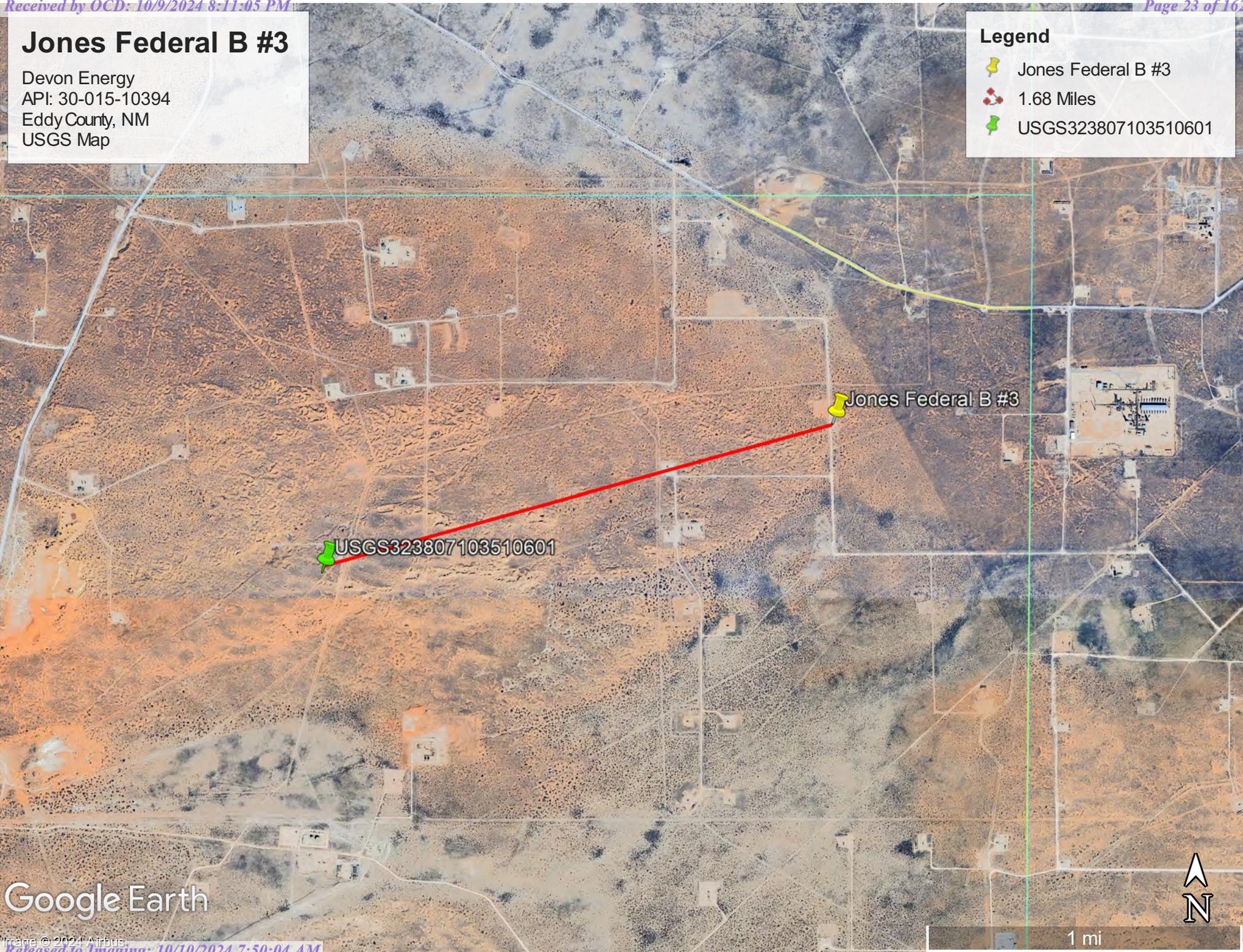
0.55 0.48 nadww02

# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
USGS Map

**Legend**

-  Jones Federal B #3
-  1.68 Miles
-  USGS323807103510601



Google Earth



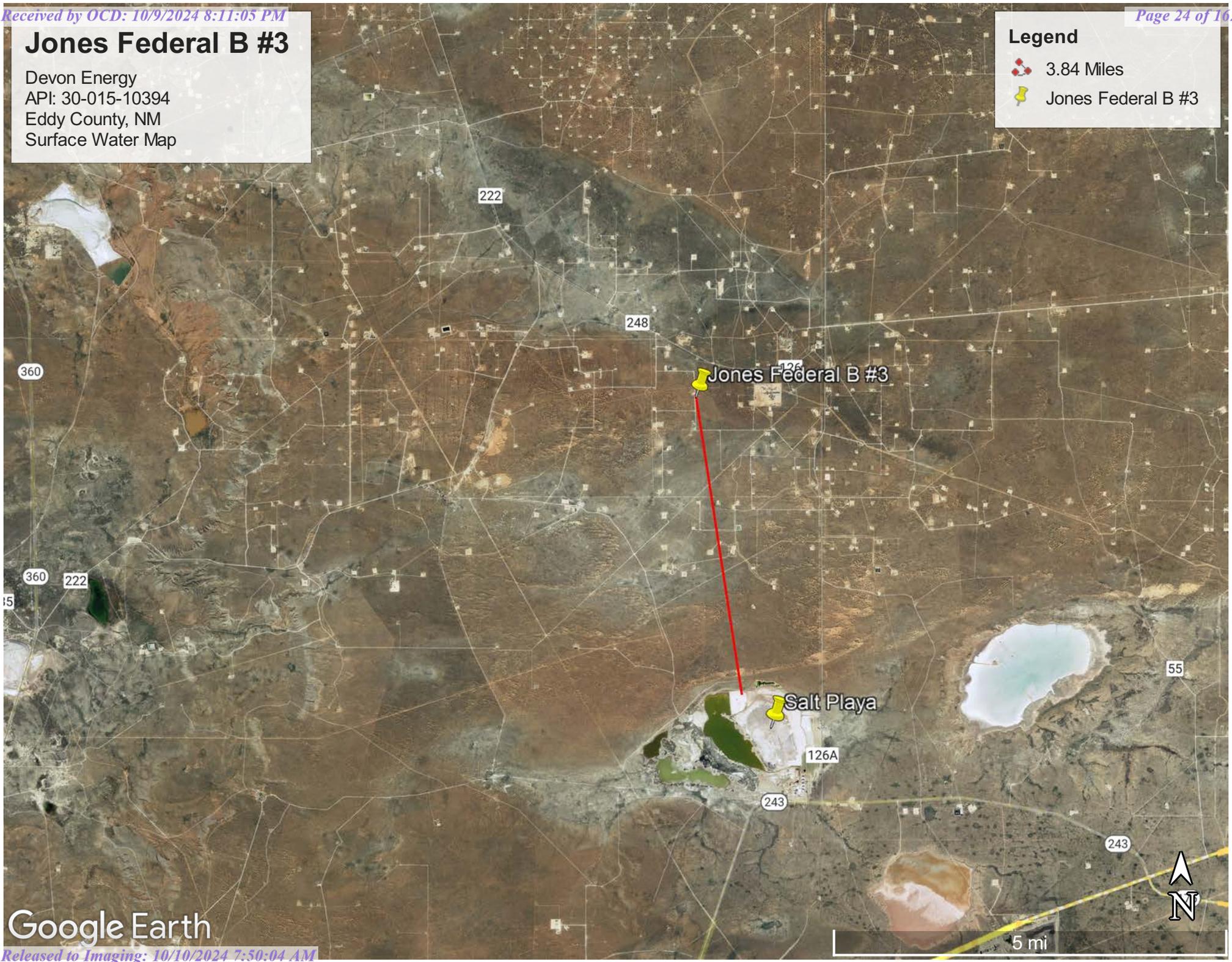
1 mi

# Jones Federal B #3

Devon Energy  
API: 30-015-10394  
Eddy County, NM  
Surface Water Map

**Legend**

-  3.84 Miles
-  Jones Federal B #3



Google Earth



Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

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

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

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

### Description of Pajarito

#### Setting

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Minor Components

#### Pajarito

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Wink

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 4 percent*

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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*Ecological site:* R070BD004NM - Sandy  
*Hydric soil rating:* No

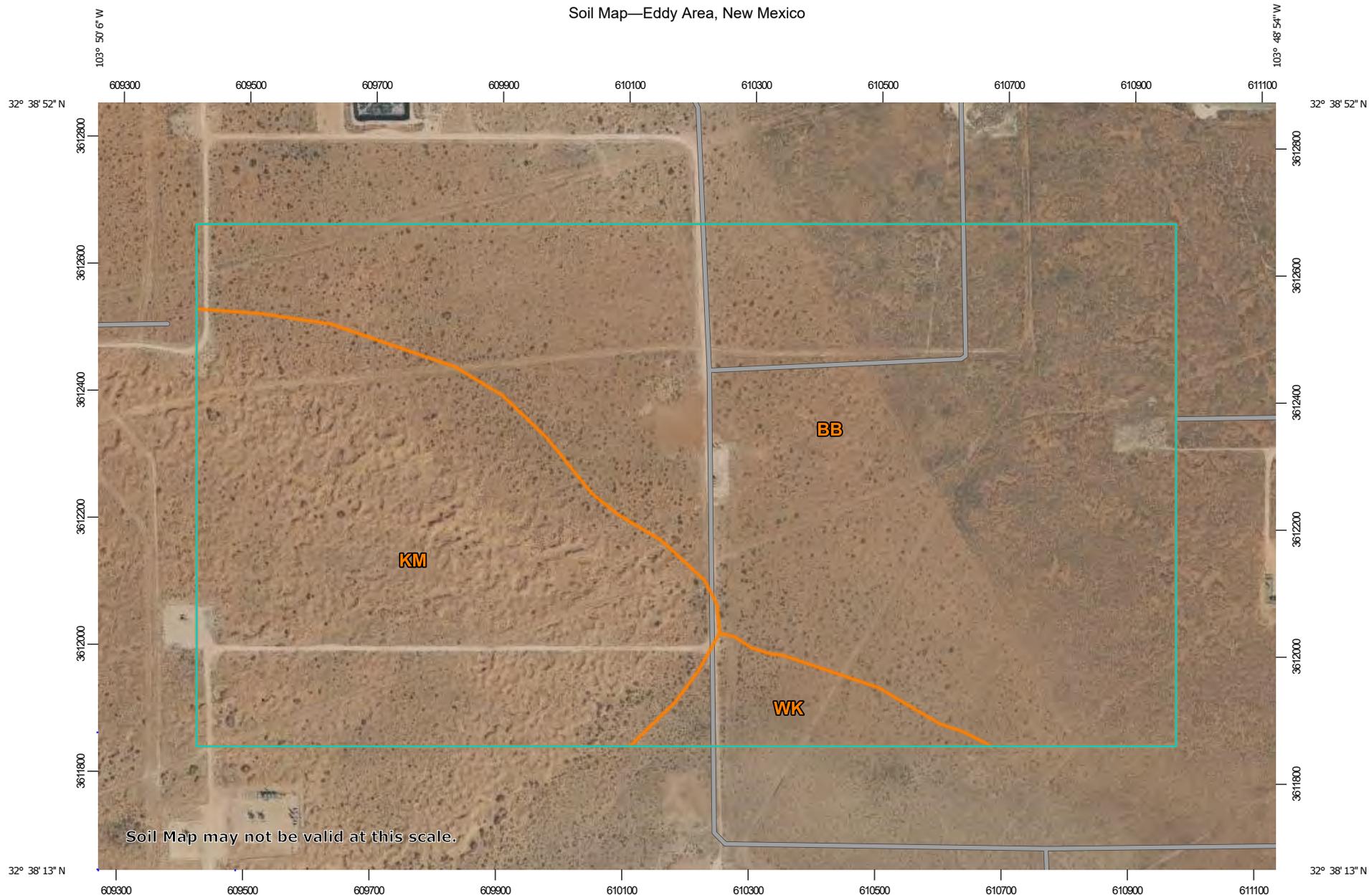
**Kermit**

*Percent of map unit:* 3 percent  
*Ecological site:* R070BD005NM - Deep Sand  
*Hydric soil rating:* No

## Data Source Information

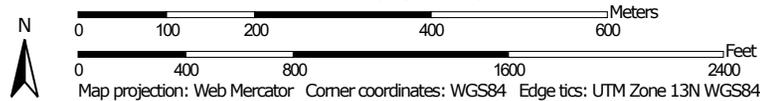
Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 18, Sep 8, 2022

### Soil Map—Eddy Area, New Mexico



Soil Map may not be valid at this scale.

Map Scale: 1:8,520 if printed on A landscape (11" x 8.5") sheet.



Soil Map—Eddy Area, 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: Eddy Area, New Mexico  
 Survey Area Data: Version 20, Sep 3, 2024

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

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

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

Soil Map—Eddy Area, New Mexico

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## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	195.6	61.9%
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	107.5	34.0%
WK	Wink loamy fine sand, 0 to 3 percent slopes, eroded	13.0	4.1%
<b>Totals for Area of Interest</b>		<b>316.1</b>	<b>100.0%</b>

# National Flood Hazard Layer FIRMette



103°49'47"W 32°38'48"N



## Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/10/2023 at 7:19 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



# Wetlands Map



July 10, 2023

### 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.



Pima Environmental Services

**Appendix C**

C-141 Form

48-Hour Notification

District I  
1625 N. French Dr , Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised March 17, 1999

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

30-015-10394

### Release Notification and Corrective Action

nMLB/129240104

#### OPERATOR

Initial Report  Final Report

Name of Company Devon Energy <i>6137</i>	Contact Roger Hernandez
Address P. O. Box 250 Artesia, NM 88211	Telephone No. 575748-5238
Facility Name Jones Federal B #3	Facility Type Oil Well

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

#### LOCATION OF RELEASE

Unit Letter	Section 23	Township 19S	Range 31E	Feet from the 660	North/South Line South	Feet from the 660	East/West Line East	County Eddy County
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#### NATURE OF RELEASE

Type of Release Oil	Volume of Release 32 BO	Volume Recovered 24 BO
Source of Release Separator	Date and Hour of Occurrence 10-1-11 12:10 PM	Date and Hour of Discovery 10-1-11 12:10 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM (Justin ?) Carlsbad Area Office OCD (Randy Dade) Artesia Office	
By Whom? Merle Lewis	Date and Hour BLM (10-3-11 9:30 AM) OCD (10-3-11 9:35 AM)	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*  
N/A

**RECEIVED**  
 OCT 06 2011  
**NMOCD ARTESIA**

Describe Cause of Problem and Remedial Action Taken.\*  
Separator went off on high level and oil was spraying out a vent line. Lease Operator shut well in and left it down until separator is repaired.

Describe Area Affected and Cleanup Action Taken.\*  
Area impacted was an area approximately 30'x70'. Area will be scraped about 2" of f surface and we will bring in new soil to remediate.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Adrienne Verkler</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Adrienne Verkler	Approved by <i>[Signature]</i> District Supervisor	OCT 19 2011
Title: Field Tech II	Approval Date:	Expiration Date:
Date: 10-4-11 Phone: (575) 748-0174	Conditions of Approval:	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary

Remediation per OCD Rules &  
Guidelines. **SUBMIT REMEDIATION  
PROPOSAL NOT LATER THAN:**  
11/19/2011

*2RA-921*

Delineation required for  
BTEX, TPH & Chlorides

Incident ID	NMLB1129240104
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NMLB1129240104
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NMLB1129240104
District RP	
Facility ID	
Application ID	

## Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

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

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



Gio PimaOil <gio@pimaoil.com>

**Confirmation Samples for Jones Federal B #3-NMLB1129240104 (2RP-921).**

2 messages

**Gio PimaOil** <gio@pimaoil.com>

Wed, Sep 20, 2023 at 2:55 PM

To: OCD.Enviro@emnrd.nm.gov, Tom Pima Oil <tom@pimaoil.com>

*Good Afternoon,*

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Jones Federal B #3

for incident NMLB1129240104 (2RP-921). Pima personnel are scheduled to be on site for this sampling event at approximately 3:30 p.m. on Friday, September 22, 2023. If you have any questions or concerns, please let me know. Thank you.

--

*Gio Gomez*

Project Manager

cell-806-782-1151

Office- 575-964-7740

**Pima Environmental Services, LLC.**

**Rodgers, Scott, EMNRD** <Scott.Rodgers@emnrd.nm.gov>

Wed, Sep 20, 2023 at 3:03 PM

To: Gio PimaOil <gio@pimaoil.com>, Tom Pima Oil <tom@pimaoil.com>, "Maxwell, Ashley, EMNRD" <Ashley.Maxwell@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Scott Rodgers** • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113

505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)

<http://www.emnrd.nm.gov/ocd>



**From:** Gio PimaOil <[gio@pimaoil.com](mailto:gio@pimaoil.com)>

**Sent:** Wednesday, September 20, 2023 2:56 PM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; Tom Pima Oil <[tom@pimaoil.com](mailto:tom@pimaoil.com)>

**Subject:** [EXTERNAL] Confirmation Samples for Jones Federal B #3-NMLB1129240104 (2RP-921).

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

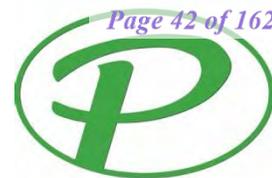
[Quoted text hidden]



Pima Environmental Services

**Appendix D**

Photographic Documentation



### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Jones Federal B #3

#### Assessment



Site information sign



Photo showing the area of the release



Photo showing the area of the release



Photo showing the area of the release



Photo showing the area of the release

Photo showing the area of the release



Photo showing the area of the release

Photo showing the area of the release



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Jones Federal B #3

Excavation



Photo showing the depth of the excavation site.

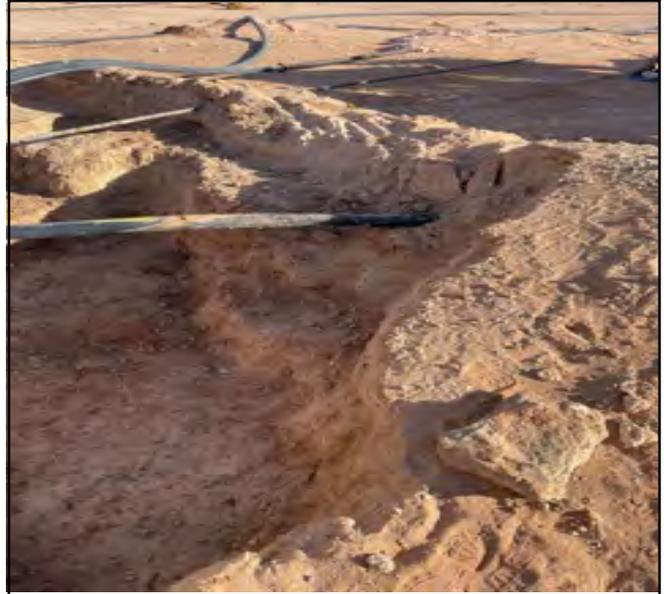


Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.

### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Jones Federal B #3

#### Backfill



Photo showing the area being completed and backfilled.



Photo showing the area being completed and backfilled.



Photo showing the area being completed and backfilled.



Photo showing the area being completed and backfilled.



Photo showing the area being completed and backfilled.

Photo showing the area being completed and backfilled.



Photo showing the area being completed and backfilled.

Photo showing the area being completed and backfilled.



Pima Environmental Services

**Appendix E**

Laboratory Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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January 12, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JONES FED B3

Enclosed are the results of analyses for samples received by the laboratory on 01/08/21 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 1 - 0-6" (H210057-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	QR-03	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09		
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54		
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35		
Total BTEX	<0.300	0.300	01/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>480</b>	16.0	01/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>802</b>	10.0	01/11/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>597</b>	10.0	01/11/2021	ND						

Surrogate: 1-Chlorooctane 94.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 123 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 1 - 1' (H210057-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>448</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>833</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>599</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 128 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 1 - 2' (H210057-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>246</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>197</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 114 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 1 - 3' (H210057-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19		
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09		
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54		
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35		
Total BTEX	<0.300	0.300	01/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>272</b>	16.0	01/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>43.9</b>	10.0	01/11/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>10.8</b>	10.0	01/11/2021	ND						

Surrogate: 1-Chlorooctane 104 % 44.3-144

Surrogate: 1-Chlorooctadecane 108 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 2 - 0-6" (H210057-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>768</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	01/11/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>3490</b>	50.0	01/11/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>1940</b>	50.0	01/11/2021	ND						

Surrogate: 1-Chlorooctane 83.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 227 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 2 - 1' (H210057-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>801</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>499</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 134 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 2 - 2' (H210057-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>378</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>224</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 130 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 2 - 3' (H210057-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>116</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>76.1</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 3 - 0-6" (H210057-09)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
<b>Toluene*</b>	<b>0.221</b>	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	GC-NC1
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
<b>Total Xylenes*</b>	<b>2.63</b>	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
<b>Total BTEX</b>	<b>2.86</b>	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 155 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3000</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>126</b>	50.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>7430</b>	50.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>2710</b>	50.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 279 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 3 - 1' (H210057-10)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	01/12/2021	ND	1.99	99.4	2.00	8.19		
<b>Toluene*</b>	<b>0.238</b>	0.100	01/12/2021	ND	1.95	97.7	2.00	9.09	GC-NC1	
Ethylbenzene*	<0.100	0.100	01/12/2021	ND	1.90	95.0	2.00	9.54		
<b>Total Xylenes*</b>	<b>3.52</b>	0.300	01/12/2021	ND	5.58	93.0	6.00	9.35	GC-NC1	
<b>Total BTEX</b>	<b>3.76</b>	0.600	01/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 144 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>2280</b>	16.0	01/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>159</b>	10.0	01/11/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>4580</b>	10.0	01/11/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>1160</b>	10.0	01/11/2021	ND						

Surrogate: 1-Chlorooctane 118 % 44.3-144

Surrogate: 1-Chlorooctadecane 194 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 3 - 2' (H210057-11)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.429</b>	0.200	01/11/2021	ND	1.99	99.4	2.00	8.19	
<b>Toluene*</b>	<b>2.67</b>	0.200	01/11/2021	ND	1.95	97.7	2.00	9.09	GC-NC1
<b>Ethylbenzene*</b>	<b>2.67</b>	0.200	01/11/2021	ND	1.90	95.0	2.00	9.54	
<b>Total Xylenes*</b>	<b>16.8</b>	0.600	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
<b>Total BTEX</b>	<b>22.6</b>	1.20	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 178 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1920</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1400</b>	50.0	01/12/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>15200</b>	50.0	01/12/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>3380</b>	50.0	01/12/2021	ND					

Surrogate: 1-Chlorooctane 332 % 44.3-144

Surrogate: 1-Chlorooctadecane 474 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 3 - 3' (H210057-12)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.261</b>	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19		
<b>Toluene*</b>	<b>1.30</b>	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	GC-NC1	
<b>Ethylbenzene*</b>	<b>2.05</b>	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54		
<b>Total Xylenes*</b>	<b>19.5</b>	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1	
<b>Total BTEX</b>	<b>23.1</b>	0.300	01/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 303 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1630</b>	16.0	01/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>1070</b>	50.0	01/12/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>10300</b>	50.0	01/12/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>2400</b>	50.0	01/12/2021	ND						

Surrogate: 1-Chlorooctane 287 % 44.3-144

Surrogate: 1-Chlorooctadecane 352 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 4 - 0-6" (H210057-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/11/2021	ND	1.99	99.4	2.00	8.19	
<b>Toluene*</b>	<b>10.4</b>	0.500	01/11/2021	ND	1.95	97.7	2.00	9.09	
<b>Ethylbenzene*</b>	<b>18.2</b>	0.500	01/11/2021	ND	1.90	95.0	2.00	9.54	
<b>Total Xylenes*</b>	<b>48.9</b>	1.50	01/11/2021	ND	5.58	93.0	6.00	9.35	
<b>Total BTEX</b>	<b>77.5</b>	3.00	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2600</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>802</b>	50.0	01/12/2021	ND	232	116	200	2.72		
<b>DRO &gt;C10-C28*</b>	<b>11300</b>	50.0	01/12/2021	ND	235	118	200	1.16		
<b>EXT DRO &gt;C28-C36</b>	<b>2640</b>	50.0	01/12/2021	ND						

Surrogate: 1-Chlorooctane 172 % 44.3-144

Surrogate: 1-Chlorooctadecane 393 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 4 - 1' (H210057-14)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.089</b>	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
<b>Toluene*</b>	<b>4.38</b>	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
<b>Ethylbenzene*</b>	<b>5.16</b>	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
<b>Total Xylenes*</b>	<b>15.4</b>	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
<b>Total BTEX</b>	<b>25.0</b>	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 206 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1090</b>	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>225</b>	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>3230</b>	10.0	01/11/2021	ND	235	118	200	1.16	
<b>EXT DRO &gt;C28-C36</b>	<b>853</b>	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 224 % 44.3-144

Surrogate: 1-Chlorooctadecane 271 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 4 - 2' (H210057-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	01/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2021	ND	232	116	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/12/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	01/12/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S 4 - 3' (H210057-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
<b>Ethylbenzene*</b>	<b>0.070</b>	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
<b>Total Xylenes*</b>	<b>0.220</b>	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	01/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>34.0</b>	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: BG 1 (H210057-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: BG 2 (H210057-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	<0.050	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	232	116	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 CHRIS JONES  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	01/08/2021	Sampling Date:	01/08/2021
Reported:	01/12/2021	Sampling Type:	Soil
Project Name:	JONES FED B3	Sampling Condition:	** (See Notes)
Project Number:	#53 JONES BATTERY	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: BG 3 (H210057-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2021	ND	2.15	107	2.00	1.92	
Toluene*	<0.050	0.050	01/11/2021	ND	2.13	106	2.00	2.39	
Ethylbenzene*	<0.050	0.050	01/11/2021	ND	2.08	104	2.00	2.01	
Total Xylenes*	<0.150	0.150	01/11/2021	ND	6.04	101	6.00	2.30	
Total BTEX	<0.300	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2021	ND	224	112	200	1.68	QR-03
DRO >C10-C28*	<10.0	10.0	01/11/2021	ND	209	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager







PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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March 04, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JONES FED B #3

Enclosed are the results of analyses for samples received by the laboratory on 03/02/21 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 2 - WALL SOUTH (H210505-01)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.062</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	03/04/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>228</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>96.9</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 2 - CENTER BOTTOM (H210505-02)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.283</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
<b>Ethylbenzene*</b>	<b>0.147</b>	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
<b>Total Xylenes*</b>	<b>0.361</b>	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
<b>Total BTEX</b>	<b>0.791</b>	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>832</b>	16.0	03/04/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>11.7</b>	10.0	03/04/2021	ND	202	101	200	6.12		
<b>DRO &gt;C10-C28*</b>	<b>2280</b>	10.0	03/04/2021	ND	213	107	200	3.91		
<b>EXT DRO &gt;C28-C36</b>	<b>637</b>	10.0	03/04/2021	ND						

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 244 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 2 - EAST WALL (H210505-03)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
Toluene*	<0.050	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	16.0	03/04/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>161</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>63.9</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 2 - WEST WALL (H210505-04)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
Toluene*	<0.050	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	03/04/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>86.1</b>	10.0	03/03/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>23.2</b>	10.0	03/03/2021	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 2 - NORTH WALL (H210505-05)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>29.8</b>	5.00	03/04/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>291</b>	5.00	03/04/2021	ND	2.07	104	2.00	0.106	
<b>Ethylbenzene*</b>	<b>112</b>	5.00	03/04/2021	ND	2.08	104	2.00	0.727	
<b>Total Xylenes*</b>	<b>232</b>	15.0	03/04/2021	ND	6.42	107	6.00	0.968	
<b>Total BTEX</b>	<b>666</b>	30.0	03/04/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>928</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>3560</b>	50.0	03/04/2021	ND	202	101	200	6.12		
<b>DRO &gt;C10-C28*</b>	<b>11800</b>	50.0	03/04/2021	ND	213	107	200	3.91		
<b>EXT DRO &gt;C28-C36</b>	<b>1990</b>	50.0	03/04/2021	ND						

Surrogate: 1-Chlorooctane 468 % 44.3-144

Surrogate: 1-Chlorooctadecane 501 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 3 - SOUTH WALL (H210505-06)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.108</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
<b>Ethylbenzene*</b>	<b>0.055</b>	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>496</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12		
<b>DRO &gt;C10-C28*</b>	<b>1630</b>	10.0	03/04/2021	ND	213	107	200	3.91		
<b>EXT DRO &gt;C28-C36</b>	<b>447</b>	10.0	03/04/2021	ND						

Surrogate: 1-Chlorooctane 80.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 220 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 3 - EAST WALL (H210505-07)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.550</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
<b>Ethylbenzene*</b>	<b>0.358</b>	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
<b>Total Xylenes*</b>	<b>1.94</b>	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
<b>Total BTEX</b>	<b>2.85</b>	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 198 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>544</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>156</b>	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>5970</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>1290</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-144

Surrogate: 1-Chlorooctadecane 275 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 3 - WEST WALL (H210505-08)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.092</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>772</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>345</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 149 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 3 - NORTH WALL (H210505-09)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.071</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
<b>Ethylbenzene*</b>	<b>0.244</b>	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
<b>Total Xylenes*</b>	<b>1.15</b>	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
<b>Total BTEX</b>	<b>1.47</b>	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 189 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>130</b>	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>3790</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>743</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 120 % 44.3-144

Surrogate: 1-Chlorooctadecane 239 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 3 - CENTER BOTTOM (H210505-10)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
Toluene*	<0.050	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>550</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>191</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 128 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 4 - SOUTH WALL (H210505-11)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.064</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>75.4</b>	10.0	03/03/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>22.2</b>	10.0	03/03/2021	ND					

Surrogate: 1-Chlorooctane 75.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 4 - EAST WALL (H210505-12)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	1.98	98.8	2.00	0.807	
<b>Toluene*</b>	<b>0.055</b>	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/04/2021	ND	202	101	200	6.12	
<b>DRO &gt;C10-C28*</b>	<b>236</b>	10.0	03/04/2021	ND	213	107	200	3.91	
<b>EXT DRO &gt;C28-C36</b>	<b>125</b>	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 4 - WEST WALL (H210505-13)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/03/2021	ND	2.22	111	2.00	1.17		
Toluene*	<0.050	0.050	03/03/2021	ND	2.24	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.17	108	2.00	0.561		
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.29	105	6.00	0.504		
Total BTEX	<0.300	0.300	03/03/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/04/2021	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/03/2021	ND	211	105	200	0.535	QR-03	
DRO >C10-C28*	<10.0	10.0	03/03/2021	ND	213	107	200	1.49		
EXT DRO >C28-C36	<10.0	10.0	03/03/2021	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.7 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 4 - NORTH WALL (H210505-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	2.22	111	2.00	1.17	
Toluene*	<0.050	0.050	03/03/2021	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.17	108	2.00	0.561	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.29	105	6.00	0.504	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2021	ND	211	105	200	0.535	
DRO >C10-C28*	<10.0	10.0	03/03/2021	ND	213	107	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	03/03/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/02/2021	Sampling Date:	02/26/2021
Reported:	03/04/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S / 4 - CENTER BOTTOM (H210505-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2021	ND	2.22	111	2.00	1.17	
<b>Toluene*</b>	<b>0.058</b>	0.050	03/03/2021	ND	2.24	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	03/03/2021	ND	2.17	108	2.00	0.561	
Total Xylenes*	<0.150	0.150	03/03/2021	ND	6.29	105	6.00	0.504	
Total BTEX	<0.300	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	03/04/2021	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2021	ND	211	105	200	0.535	
<b>DRO &gt;C10-C28*</b>	<b>374</b>	10.0	03/03/2021	ND	213	107	200	1.49	
<b>EXT DRO &gt;C28-C36</b>	<b>214</b>	10.0	03/03/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 114 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Pina Environmental</u> Project Manager: <u>Tom Byrnes</u> Address: <u>1601 N. Turner St Ste 500</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>580-748-1613</u> Fax #: _____ Project #: _____ Project Owner: <u>Devon</u> Project Name: <u>Jones Feed B #3</u> Project Location: <u>Eddy</u> Sampler Name: <u>G.D</u>		<b>BILL TO</b> P.O. #: <u>207-544338</u> Company: <u>Devon</u> Attn: <u>Mrs Matthews</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. _____ Sample I.D. _____		MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____	
PRESERV ACID/BASE: _____ ICE / COOL _____ OTHER: _____		SAMPLING DATE _____ TIME _____	
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Relinquished By: <u>[Signature]</u> Date: <u>3/2/21</u> Time: _____ Received By: <u>[Signature]</u> Date: <u>10/15</u> Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: <u>-3.8</u> Corrected Temp. °C: _____		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) <u>AD</u> Turnaround Time: _____ Thermometer ID #113 Correction Factor None	
Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____		Corrected Temp. °C: _____	

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



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 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> Fine Environment <b>Project Manager:</b> Tom Bynum <b>Address:</b> 1601 N. Turner St Hobbs <b>City:</b> Hobbs <b>Phone #:</b> 580-748-1613 <b>Project #:</b> <b>Project Name:</b> Jones Fed BHS <b>Project Location:</b> Eddy <b>Sampler Name:</b> STD		<b>P.O. #:</b> 20754435 <b>Company:</b> Devon <b>Attn:</b> Wes Matthews <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.:</b> <b>Sample I.D.:</b>		<b>Matrix:</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		<b>Preserv:</b> ACID/BASE: ICE / COOL OTHER:		<b>Sampling:</b> DATE TIME	
11 <i>HA10505</i> 5/4 - South wall 12 5/4 - East wall 13 5/4 - West wall 14 5/4 - North - Wall 15 5/4 - Center - Bottom		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME	
Relinquished By: <i>M. Smith</i> Date: 3/2/21 Time: 1:55 Received By: <i>Wes Matthews</i> Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C: <i>-3.8</i> Corrected Temp. °C: <i>4.0</i> Thermometer ID #113 Correction Factor None	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>-3.8</i> Corrected Temp. °C:		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>W.M.</i>	
Relinquished By: <i>M. Smith</i> Date: 3/2/21 Time: 1:55 Received By: <i>Wes Matthews</i> Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C: <i>-3.8</i> Corrected Temp. °C: <i>4.0</i> Thermometer ID #113 Correction Factor None	
Relinquished By: <i>M. Smith</i> Date: 3/2/21 Time: 1:55 Received By: <i>Wes Matthews</i> Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C: <i>-3.8</i> Corrected Temp. °C: <i>4.0</i> Thermometer ID #113 Correction Factor None	

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March 10, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JONES FED B #3

Enclosed are the results of analyses for samples received by the laboratory on 03/08/21 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/08/2021	Sampling Date:	03/05/2021
Reported:	03/10/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	#53	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S2 - NW - 1' (H210550-01)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	1.94	96.9	2.00	3.83	
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	201	101	200	2.56	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	233	117	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/08/2021	Sampling Date:	03/05/2021
Reported:	03/10/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	#53	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S2 - CB - 1' (H210550-02)**

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2021	ND	1.94	96.9	2.00	3.83		
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60		
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20		
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14		
Total BTEX	<0.300	0.300	03/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	201	101	200	2.56		
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	233	117	200	5.99		
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND						

Surrogate: 1-Chlorooctane 84.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/08/2021	Sampling Date:	03/05/2021
Reported:	03/10/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	#53	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S3 - SW - 1' (H210550-03)**

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2021	ND	1.94	96.9	2.00	3.83		
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60		
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20		
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14		
Total BTEX	<0.300	0.300	03/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	201	101	200	2.56		
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	233	117	200	5.99		
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND						

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.0 % 42.2-156

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/08/2021	Sampling Date:	03/05/2021
Reported:	03/10/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	#53	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S3 - EW - 1' (H210550-04)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	1.94	96.9	2.00	3.83	
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2021	ND	201	101	200	2.56	
DRO >C10-C28*	<10.0	10.0	03/08/2021	ND	233	117	200	5.99	
EXT DRO >C28-C36	<10.0	10.0	03/08/2021	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 TOM BYNUM  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/08/2021	Sampling Date:	03/05/2021
Reported:	03/10/2021	Sampling Type:	Soil
Project Name:	JONES FED B #3	Sampling Condition:	Cool & Intact
Project Number:	#53	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - EDDY CO NM		

**Sample ID: S3 - NW - 1' (H210550-05)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2021	ND	1.94	96.9	2.00	3.83	
Toluene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	1.60	
Ethylbenzene*	<0.050	0.050	03/09/2021	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	03/09/2021	ND	6.44	107	6.00	2.14	
Total BTEX	<0.300	0.300	03/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2021	ND	188	93.8	200	0.797	
DRO >C10-C28*	<10.0	10.0	03/09/2021	ND	223	112	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	03/09/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Pma Environmentel</u> Project Manager: <u>Tom Byrum</u> Address: <u>1601 N. Turner</u> <u>Ste 500</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>580-748-1613</u> Fax #: _____ Project #: _____ Project Owner: <u>Devon</u> Project Name: <u>Jones Fed B3</u> City: _____ State: _____ Zip: _____ Project Location: <u>Eddy</u> Phone #: _____ Fax #: _____ Sampler Name: <u>Robert Gay</u>		<b>BILL TO</b> P.O. #: <u>20754433</u> Company: <u>Devon</u> Attn: <u>Wes Matthews</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H10550</u> Sample I.D. _____ Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE Other: _____ Preservation: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____ Sampling: _____		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ DATE: <u>3/5/21</u> TIME: <u>10:05</u> DATE: <u>10:15</u> TIME: <u>10:20</u> DATE: <u>10:25</u> TIME: _____ ANALYSIS REQUEST: <u>TPH EXT BTEX</u>	
Relinquished By: <u>[Signature]</u> Date: <u>3/5/21</u> Received By: <u>[Signature]</u> Date: <u>11/5/24</u> Turnaround Time: _____ Standard <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u> Cool Intact <input type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u> Sample Condition <input type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u> Observed Temp. °C <u>4.4</u> Corrected Temp. °C _____ Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____		Delivered By: (Circle One) <input type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: _____ Observed Temp. °C <u>4.4</u> Corrected Temp. °C _____ Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>[Signature]</u> (Initials) <u>TO</u> Thermometer ID #113 <input type="checkbox"/> Correction Factor None <input type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u> Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____	

Report to:  
Tom Bynum



# envirotech

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## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jones Fed Battery #3

Work Order: E301109

Job Number: 01058-0007

Received: 1/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/24/23



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.  
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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.  
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/24/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jones Fed Battery #3  
Workorder: E301109  
Date Received: 1/20/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2023 7:00:00AM, under the Project Name: Jones Fed Battery #3.

The analytical test results summarized in this report with the Project Name: Jones Fed Battery #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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 01/24/23 12:03
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-2 4'	E301109-01A	Soil	01/17/23	01/20/23	Glass Jar, 2 oz.
S-3 4'	E301109-02A	Soil	01/17/23	01/20/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 1/24/2023 12:03:47PM
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S-2 4'

E301109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2303071	
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		91.3 %	70-130	01/20/23	01/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2303071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		91.3 %	70-130	01/20/23	01/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2303063	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	01/20/23	01/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2303077	
Chloride	ND	40.0	2	01/20/23	01/20/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 1/24/2023 12:03:47PM
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S-3 4'

E301109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		90.0 %	70-130	01/20/23	01/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		90.0 %	70-130	01/20/23	01/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	01/20/23	01/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 1/24/2023 12:03:47PM
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#### Volatile Organic Compounds by EPA 8260B

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 (2303071-BLK1)

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.520		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.571		0.500		114		70-130		
Surrogate: Toluene-d8	0.459		0.500		91.7		70-130		

#### LCS (2303071-BS1)

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	3.14	0.0250	2.50		126		70-130		
Ethylbenzene	2.86	0.0250	2.50		115		70-130		
Toluene	2.89	0.0250	2.50		115		70-130		
o-Xylene	2.97	0.0250	2.50		119		70-130		
p,m-Xylene	5.91	0.0500	5.00		118		70-130		
Total Xylenes	8.88	0.0250	7.50		118		70-130		
Surrogate: Bromofluorobenzene	0.522		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.591		0.500		118		70-130		
Surrogate: Toluene-d8	0.460		0.500		91.9		70-130		

#### Matrix Spike (2303071-MS1)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	2.78	0.0250	2.50	ND	111		48-131		
Ethylbenzene	2.56	0.0250	2.50	ND	102		45-135		
Toluene	2.56	0.0250	2.50	ND	103		48-130		
o-Xylene	2.64	0.0250	2.50	ND	106		43-135		
p,m-Xylene	5.27	0.0500	5.00	ND	105		43-135		
Total Xylenes	7.91	0.0250	7.50	ND	105		43-135		
Surrogate: Bromofluorobenzene	0.520		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.576		0.500		115		70-130		
Surrogate: Toluene-d8	0.462		0.500		92.4		70-130		

#### Matrix Spike Dup (2303071-MSD1)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	2.74	0.0250	2.50	ND	109		48-131	1.61	23
Ethylbenzene	2.52	0.0250	2.50	ND	101		45-135	1.69	27
Toluene	2.52	0.0250	2.50	ND	101		48-130	1.65	24
o-Xylene	2.63	0.0250	2.50	ND	105		43-135	0.550	27
p,m-Xylene	5.21	0.0500	5.00	ND	104		43-135	1.11	27
Total Xylenes	7.84	0.0250	7.50	ND	104		43-135	0.921	27
Surrogate: Bromofluorobenzene	0.528		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.564		0.500		113		70-130		
Surrogate: Toluene-d8	0.461		0.500		92.2		70-130		



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 1/24/2023 12:03:47PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

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 (2303071-BLK1)**

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.571		0.500		114	70-130			
Surrogate: Toluene-d8	0.459		0.500		91.7	70-130			

**LCS (2303071-BS2)**

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.5	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.575		0.500		115	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			

**Matrix Spike (2303071-MS2)**

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.576		0.500		115	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			

**Matrix Spike Dup (2303071-MSD2)**

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130	3.35	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.558		0.500		112	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 1/24/2023 12:03:47PM
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#### 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 (2303063-BLK1)**

Prepared: 01/20/23 Analyzed: 01/21/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

**LCS (2303063-BS1)**

Prepared: 01/20/23 Analyzed: 01/21/23

Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			

**Matrix Spike (2303063-MS1)**

Source: E301110-18

Prepared: 01/20/23 Analyzed: 01/21/23

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

**Matrix Spike Dup (2303063-MSD1)**

Source: E301110-18

Prepared: 01/20/23 Analyzed: 01/21/23

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	0.0582	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed Battery #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 1/24/2023 12:03:47PM
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#### Anions by EPA 300.0/9056A

Analyst: BA

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 (2303077-BLK1)**

Prepared: 01/20/23 Analyzed: 01/20/23

Chloride	ND	20.0							
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**LCS (2303077-BS1)**

Prepared: 01/20/23 Analyzed: 01/20/23

Chloride	259	20.0	250		104	90-110			
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**Matrix Spike (2303077-MS1)**

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Chloride	257	40.0	250	ND	103	80-120			
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**Matrix Spike Dup (2303077-MSD1)**

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Chloride	259	40.0	250	ND	104	80-120	0.755	20	
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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:	Jones Fed Battery #3	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/24/23 12:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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





Envirotech Analytical Laboratory

Printed: 1/20/2023 8:53:45AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received: 01/20/23 07:00 Work Order ID: E301109
Phone: (575) 631-6977 Date Logged In: 01/19/23 16:01 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 01/26/23 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? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jones Fed B #3

Work Order: E302007

Job Number: 01058-0007

Received: 2/2/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/6/23

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.  
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 2/6/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jones Fed B #3  
Workorder: E302007  
Date Received: 2/2/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/2/2023 8:15:00AM, under the Project Name: Jones Fed B #3.

The analytical test results summarized in this report with the Project Name: Jones Fed B #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](mailto:whinchman@envirotech-inc.com)

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**Alexa Michaels**  
Sample Custody Officer  
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**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 02/06/23 14:57
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-1	E302007-01A	Soil	01/30/23	02/02/23	Glass Jar, 2 oz.
SW-2	E302007-02A	Soil	01/30/23	02/02/23	Glass Jar, 2 oz.
SW-3	E302007-03A	Soil	01/30/23	02/02/23	Glass Jar, 2 oz.
SW-4	E302007-04A	Soil	01/30/23	02/02/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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**SW-1**  
**E302007-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Benzene	ND	0.0250	1	02/02/23	02/02/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/02/23	
Toluene	ND	0.0250	1	02/02/23	02/02/23	
o-Xylene	ND	0.0250	1	02/02/23	02/02/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/02/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2305057
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/23	02/03/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/02/23	02/03/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2305052
Chloride	ND	20.0	1	02/02/23	02/02/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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**SW-2**

**E302007-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Benzene	ND	0.0250	1	02/02/23	02/02/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/02/23	
Toluene	ND	0.0250	1	02/02/23	02/02/23	
o-Xylene	ND	0.0250	1	02/02/23	02/02/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/02/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2305057
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/23	02/03/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	02/02/23	02/03/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2305052
Chloride	ND	20.0	1	02/02/23	02/02/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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**SW-3**

**E302007-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Benzene	ND	0.0250	1	02/02/23	02/02/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/02/23	
Toluene	ND	0.0250	1	02/02/23	02/02/23	
o-Xylene	ND	0.0250	1	02/02/23	02/02/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/02/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	02/02/23	02/02/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2305057
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/23	02/03/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	02/02/23	02/03/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2305052
Chloride	ND	20.0	1	02/02/23	02/02/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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**SW-4**

**E302007-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Benzene	ND	0.0250	1	02/02/23	02/03/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/03/23	
Toluene	ND	0.0250	1	02/02/23	02/03/23	
o-Xylene	ND	0.0250	1	02/02/23	02/03/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	02/02/23	02/03/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2305048
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	02/02/23	02/03/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2305057
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/23	02/03/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/02/23	02/03/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2305052
Chloride	ND	20.0	1	02/02/23	02/02/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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#### Volatile Organics by EPA 8021B

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 (2305048-BLK1)**

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

**LCS (2305048-BS1)**

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

Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.8	0.0250	15.0		98.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

**Matrix Spike (2305048-MS1)**

Source: E302006-02

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

Benzene	4.71	0.0250	5.00	ND	94.2	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	97.9	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.37		8.00		105	70-130			

**Matrix Spike Dup (2305048-MSD1)**

Source: E302006-02

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

Benzene	4.82	0.0250	5.00	ND	96.3	54-133	2.19	20	
Ethylbenzene	4.90	0.0250	5.00	ND	97.9	61-133	1.98	20	
Toluene	5.00	0.0250	5.00	ND	100	61-130	2.13	20	
o-Xylene	5.07	0.0250	5.00	ND	101	63-131	2.18	20	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131	2.13	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	2.15	20	
Surrogate: 4-Bromochlorobenzene-PID	8.35		8.00		104	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

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 (2305048-BLK1)**

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130			

**LCS (2305048-BS2)**

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

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

**Matrix Spike (2305048-MS2)**

Source: E302006-02

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

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130			

**Matrix Spike Dup (2305048-MSD2)**

Source: E302006-02

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

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	0.888	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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#### 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 (2305057-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			

**LCS (2305057-BS1)**

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

Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

**Matrix Spike (2305057-MS1)**

Source: E302006-06

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

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

**Matrix Spike Dup (2305057-MSD1)**

Source: E302006-06

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

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	1.70	20	
Surrogate: n-Nonane	45.8		50.0		91.7	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Fed B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 2/6/2023 2:57:54PM
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#### Anions by EPA 300.0/9056A

Analyst: BA

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 (2305052-BLK1)**

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

Chloride ND 20.0

**LCS (2305052-BS1)**

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

Chloride 250 20.0 250 100 90-110

**Matrix Spike (2305052-MS1)**

Source: E302006-01

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

Chloride 326 20.0 250 81.6 98.0 80-120

**Matrix Spike Dup (2305052-MSD1)**

Source: E302006-01

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

Chloride 348 20.0 250 81.6 106 80-120 6.24 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:	Jones Fed B #3	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/06/23 14:57

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Jones Fed B #3</u>		Attention: <u>Devon Energy</u>		Lab WO# <u>E.302007</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 56 14 N. Lovington Hwy.		City, State, Zip		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM, 88240		Phone:		Chloride 300.0		BGDOC NM		BGDOC TX				RCRA	
Phone: 580-748-1613		Email:										State	
Email: tom@pimaoil.com		Pima Project # <u>1-53</u>										NM	
Report due by:												CO	
												UT	
												AZ	
												TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:00	1/30/23	S	1	SW-1	1							X		
9:05				SW-2	2									
9:10				SW-3	3									
9:15				SW-4	4									

Additional Instructions: Bill To Devon Energy: # 20754477

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: Dominick Gonzales

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) <u>Neil Rojas</u>	Date <u>1-31-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>1-31-23</u>	Time <u>1415</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>1-31-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Rosemary Ben</u>	Date <u>2-1-23</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>Rosemary Ben</u>	Date <u>2-1-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Carla Chote</u>	Date <u>2/2/23</u>	Time <u>815</u>	

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: 2/2/2023 4:00:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received: 02/02/23 08:15 Work Order ID: E302007
Phone: (575) 631-6977 Date Logged In: 02/01/23 15:57 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 02/07/23 17:00 (3 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jones Federal B #3

Work Order: E309196

Job Number: 01058-0007

Received: 9/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/28/23

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: 9/28/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jones Federal B #3  
Workorder: E309196  
Date Received: 9/27/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2023 7:00:00AM, under the Project Name: Jones Federal B #3.

The analytical test results summarized in this report with the Project Name: Jones Federal B #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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

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

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 09/28/23 13:48
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS2-4'	E309196-01A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS3-4'	E309196-02A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS4-4'	E309196-03A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS2W1	E309196-04A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS2W2	E309196-05A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS2W3	E309196-06A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS2W4	E309196-07A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS3W1	E309196-08A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS3W2	E309196-09A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS3W3	E309196-10A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS3W4	E309196-11A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS4W1	E309196-12A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS4W2	E309196-13A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS4W3	E309196-14A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.
CS4W4	E309196-15A	Soil	09/22/23	09/27/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS2-4'**

**E309196-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	<b>20.4</b>	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS3-4'**

**E309196-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.8 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		98.5 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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CS4-4'

E309196-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS2W1**

**E309196-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		99.7 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS2W2**

**E309196-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		99.2 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS2W3**

**E309196-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS2W4**

**E309196-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS3W1**

**E309196-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS3W2**

**E309196-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS3W3**

**E309196-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS3W4**

**E309196-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS4W1**

**E309196-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		110 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS4W2**

**E309196-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS4W3**

**E309196-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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**CS4W4**

**E309196-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Benzene	ND	0.0250	1	09/27/23	09/27/23	
Ethylbenzene	ND	0.0250	1	09/27/23	09/27/23	
Toluene	ND	0.0250	1	09/27/23	09/27/23	
o-Xylene	ND	0.0250	1	09/27/23	09/27/23	
p,m-Xylene	ND	0.0500	1	09/27/23	09/27/23	
Total Xylenes	ND	0.0250	1	09/27/23	09/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2339037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	09/27/23	09/27/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2339040
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/23	09/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/23	09/27/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/27/23	09/27/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2339031
Chloride	ND	20.0	1	09/27/23	09/27/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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#### Volatile Organics by EPA 8021B

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 (2339037-BLK1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			

**LCS (2339037-BS1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Benzene	4.45	0.0250	5.00		88.9	70-130			
Ethylbenzene	4.29	0.0250	5.00		85.8	70-130			
Toluene	4.46	0.0250	5.00		89.1	70-130			
o-Xylene	4.43	0.0250	5.00		88.6	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.3	0.0250	15.0		88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

**Matrix Spike (2339037-MS1)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Benzene	4.54	0.0250	5.00	ND	90.8	54-133			
Ethylbenzene	4.38	0.0250	5.00	ND	87.6	61-133			
Toluene	4.55	0.0250	5.00	ND	90.9	61-130			
o-Xylene	4.52	0.0250	5.00	ND	90.4	63-131			
p,m-Xylene	9.09	0.0500	10.0	ND	90.9	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

**Matrix Spike Dup (2339037-MSD1)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Benzene	4.67	0.0250	5.00	ND	93.4	54-133	2.84	20	
Ethylbenzene	4.50	0.0250	5.00	ND	90.0	61-133	2.71	20	
Toluene	4.67	0.0250	5.00	ND	93.5	61-130	2.73	20	
o-Xylene	4.64	0.0250	5.00	ND	92.7	63-131	2.55	20	
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	63-131	2.73	20	
Total Xylenes	14.0	0.0250	15.0	ND	93.2	63-131	2.67	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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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 (2339037-BLK1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130			

**LCS (2339037-BS2)**

Prepared: 09/27/23 Analyzed: 09/27/23

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			

**Matrix Spike (2339037-MS2)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

**Matrix Spike Dup (2339037-MSD2)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.4	70-130	0.0328	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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#### 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 (2339040-BLK1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.7		50.0		97.3	50-200			

**LCS (2339040-BS1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	54.1		50.0		108	50-200			

**Matrix Spike (2339040-MS1)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			

**Matrix Spike Dup (2339040-MSD1)**

Source: E309196-07

Prepared: 09/27/23 Analyzed: 09/27/23

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	4.73	20	
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal B #3 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 9/28/2023 1:48:01PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

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 (2339031-BLK1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Chloride	ND	20.0							
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**LCS (2339031-BS1)**

Prepared: 09/27/23 Analyzed: 09/27/23

Chloride	246	20.0	250		98.5	90-110			
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**Matrix Spike (2339031-MS1)**

Source: E309196-01

Prepared: 09/27/23 Analyzed: 09/27/23

Chloride	264	20.0	250	20.4	97.5	80-120			
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**Matrix Spike Dup (2339031-MSD1)**

Source: E309196-01

Prepared: 09/27/23 Analyzed: 09/27/23

Chloride	268	20.0	250	20.4	98.9	80-120	1.25	20	
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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:	Jones Federal B #3	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/28/23 13:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To					Lab Use Only				TAT				EPA Program						
Project: Jones Federal B #5					Attention: Devon					Lab WO# E309196		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA					
Project Manager: Tom Bynum					Address:					Analysis and Method								RCRA						
Address: 5614 N. Lovington Hwy.					City, State, Zip					DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State						
City, State, Zip Hobbs, NM, 88240					Phone:													NM	CO	UT	AZ	TX		
Phone: 580-748-1613					Email:					Pima Project # 21-53								Remarks						
Email: tom@pimaoil.com					Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																			
3:30 <sup>PM</sup>	9/22	S	1	CS2-4'	1																			
3:32				CS3-4'	2																			
3:39				CS4-4'	3																			
3:43				CS2W1	4																			
3:51				CS2W2	5																			
3:57				CS2W3	6																			
3:59				CS2W4	7																			
4:05				CS3W1	8																			
4:11				CS3W2	9																			
4:16				CS3W3	10																			
Additional Instructions: Billing # 20754433																								
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.											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>Kerime Adame</i>											Received by: (Signature) <i>Michelle Cuyler</i>													
Date: 9/26/23											Date: 9/26/23													
Time: 1:00											Time: 1:00													
Relinquished by: (Signature) <i>Michelle Cuyler</i>											Received by: (Signature) <i>Kayla R Hall</i>													
Date: 9-26-23											Date: 9/26/23													
Time: 1645											Time: 1650													
Relinquished by: (Signature) <i>Kayla R Hall</i>											Received by: (Signature) <i>Cathy Ma</i>													
Date: 9/26/23											Date: 9-27-23													
Time: 2245											Time: 7:00													
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.																								



Client: Pima Environmental Services Project: <u>Jones Federal B #3</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>R1-53</u>					Lab Use Only Lab WO# <u>E309196</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D <input checked="" type="checkbox"/> 2D 3D			EPA Program CWA SDWA RCRA		
										State NM <input checked="" type="checkbox"/> CO UT AZ TX										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
4:21	9/22	S	1	CS3W4	11							X								
4:27				CS4W1	12															
4:33				CS4W2	13															
4:38				CS4W3	14															
4:43				CS4W4	15															
Additional Instructions: <u>Billing # 20754433</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
<u>Karime Adame</u>		9/26/23	1:00	<u>Michelle Goyale</u>		9-26-23	1:00	Received on ice: <input checked="" type="checkbox"/> N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
<u>Michelle Goyale</u>		9-26-23	16:45	<u>Kyleigh R Hill</u>		9/26/23	16:50													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>												
<u>Kyleigh R Hill</u>		9/26/23	22:43	<u>Carla Mar</u>		9-27-23	7:00													
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: 9/27/2023 7:35:22AM

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: 09/27/23 07:00 Work Order ID: E309196
Phone: (575) 631-6977 Date Logged In: 09/26/23 15:03 Logged In By: Caitlin Mars
Email: tom@pimaoil.com Due Date: 09/27/23 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

Carrier: Courier

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

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? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

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

Date



envirotech Inc.

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

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

QUESTIONS

Action 391403

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nMLB1129240104
Incident Name	NMLB1129240104 JONES FEDERAL B #3 @ 30-015-10394
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-10394] JONES FEDERAL B #003

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	JONES FEDERAL B #3
Date Release Discovered	10/01/2011
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Separator   Crude Oil   Released: 32 BBL   Recovered: 24 BBL   Lost: 8 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

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

QUESTIONS, Page 2

Action 391403

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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: 10/09/2024
--	--

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

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811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

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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, Page 3

Action 391403

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 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**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	3000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10266
GRO+DRO (EPA SW-846 Method 8015M)	15200
BTEX (EPA SW-846 Method 8021B or 8260B)	77.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0.4

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

On what estimated date will the remediation commence	11/11/2024
On what date will (or did) the final sampling or liner inspection occur	11/15/2024
On what date will (or was) the remediation complete(d)	12/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	23
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	23

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

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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

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

QUESTIONS, Page 4

Action 391403

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 10/09/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 391403

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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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QUESTIONS, Page 6

Action 391403

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>369133</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>09/22/2023</b>
What was the (estimated) number of samples that were to be gathered	<b>15</b>
What was the sampling surface area in square feet	<b>2400</b>

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 391403

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 391403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	Work plan approved.	10/10/2024
amaxwell	Submit a report via the OCD permitting portal by December 6, 2024.	10/10/2024