



SITE ASSESSMENT, REMEDIATION AND CLOSURE REPORT

Jones Federal B #3

Incident ID: NMLB1129240104

API: 30-015-10394

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

DECEMBER 2, 2024

PIMA ENVIRONMENTAL SERVICES

5614 Lovington Hwy, Hobbs, NM 88240

Pima Environmental Services

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



December 2, 2024

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

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

Re: Site Assessment, Remediation, and Closure Report
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 perform a spill assessment, remediation, and submit this closure report 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. The closure criteria for this area will be classified under the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC due to lack of current groundwater data.

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 conduct delineation activities and sampled the impacted area. Laboratory results of this sampling event can be found in the following data table. Complete laboratory reports can be found in Appendix E. 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. A Site Map is referenced in Figure 5. The laboratory results of this sampling event can be found in the following data table. Complete laboratory reports can be found in Appendix E.



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 is referenced in Figure 6. Complete laboratory reports can be found in Appendix E.

3-5-21 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Lack of Data <50')								
DEVON ENERGY - Jones Federal 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

**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 17th & 30th, 2023, in response to the 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 is referenced in Figure 7. Complete laboratory reports can be found in Appendix E.

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 Federal 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	CI 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 Federal 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	CI 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

After submitting a 48-hour sampling notification (Appendix C), Pima returned to collect confirmation samples on September 22, 2023. Samples were collected 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 is referenced in Figure 8. Complete laboratory reports can be found in Appendix E.



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

Based on the sample results, the bottom and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was transported to Lea Land, an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See Appendix D for Photographic Documentation.

A closure report was submitted to NMOCD and denied on August 8, 2024.

Countermeasures 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 reasons:

- **Remediation closure denied. Sample S1 (1/15/2021) exceeds closure criteria and was not addressed in remedial activities. Table in submitted report indicates release is being closed at the most stringent criteria of <50 feet depth to groundwater. If the water data has been updated, update the closure report to include new documentation. Submit a report via the OCD permitting portal by September 30, 2024.**

The rejected C-141 can be found in the OCD Online: Permitting – 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."

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Hobbs, NM 88240
575-964-7740



In response to the rejected closure report, a remediation work plan was submitted to the OCD and was approved on 10/10/2024 OCD Online: Permitting – Application ID 391403.

On November 13, 2024, Pima mobilized personnel and equipment to conduct remedial activities. In the vicinity of S1, 23 cubic yards of contaminated soil was removed from a 200 square foot area at a depth of 3 feet bgs. An Excavation Map is referenced in Figure 9. After submitting a 48-hour sampling notification (Appendix C), Pima personnel collected 5-point composite confirmation samples from the base and walls of the excavated area to verify all contaminated soil had been removed. The contaminated soil 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 is referenced in Figure 10. Complete laboratory reports can be found in Appendix E.

11-20-24 Confirmation Sampling Event

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is (Lack of Data <50')								
Devon Energy Jones Federal B #3								
Sample Date: 11-20-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	3'	ND	ND	ND	ND	ND	ND	ND
CSW1	0-3'	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Closure Request

After careful review, Pima requests that this incident, NMLB1129240104, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

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

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

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Original Site Map
- 5- Site Map (2-26-21)
- 6- Confirmation Sample Map (3-5-21)
- 7- Delineation Map (1-17-23 & 1-30-23)
- 8- Confirmation Sample Map (9-22-23)
- 9- Excavation Map
- 10- Confirmation Sample Map (11-20-24)

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Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – C-141 Form & 48-Hour Sampling Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



Pima Environmental Services



Figures:

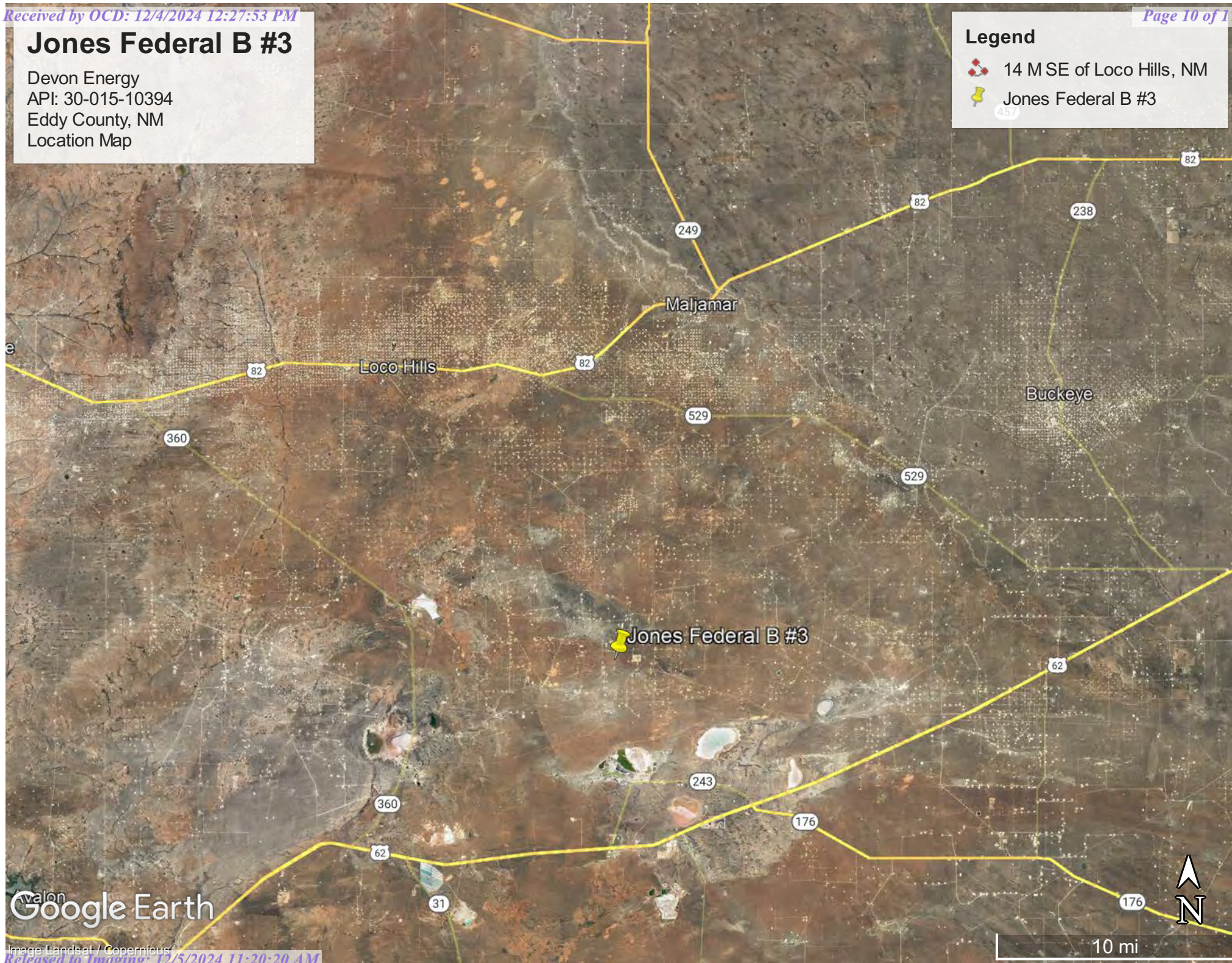
- 1-Location Map
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- 8-Confirmation Sample Map (9-22-23)
- 9-Excavation Map
- 10-Confirmation Sample Map (11-20-24)

Jones Federal B #3

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

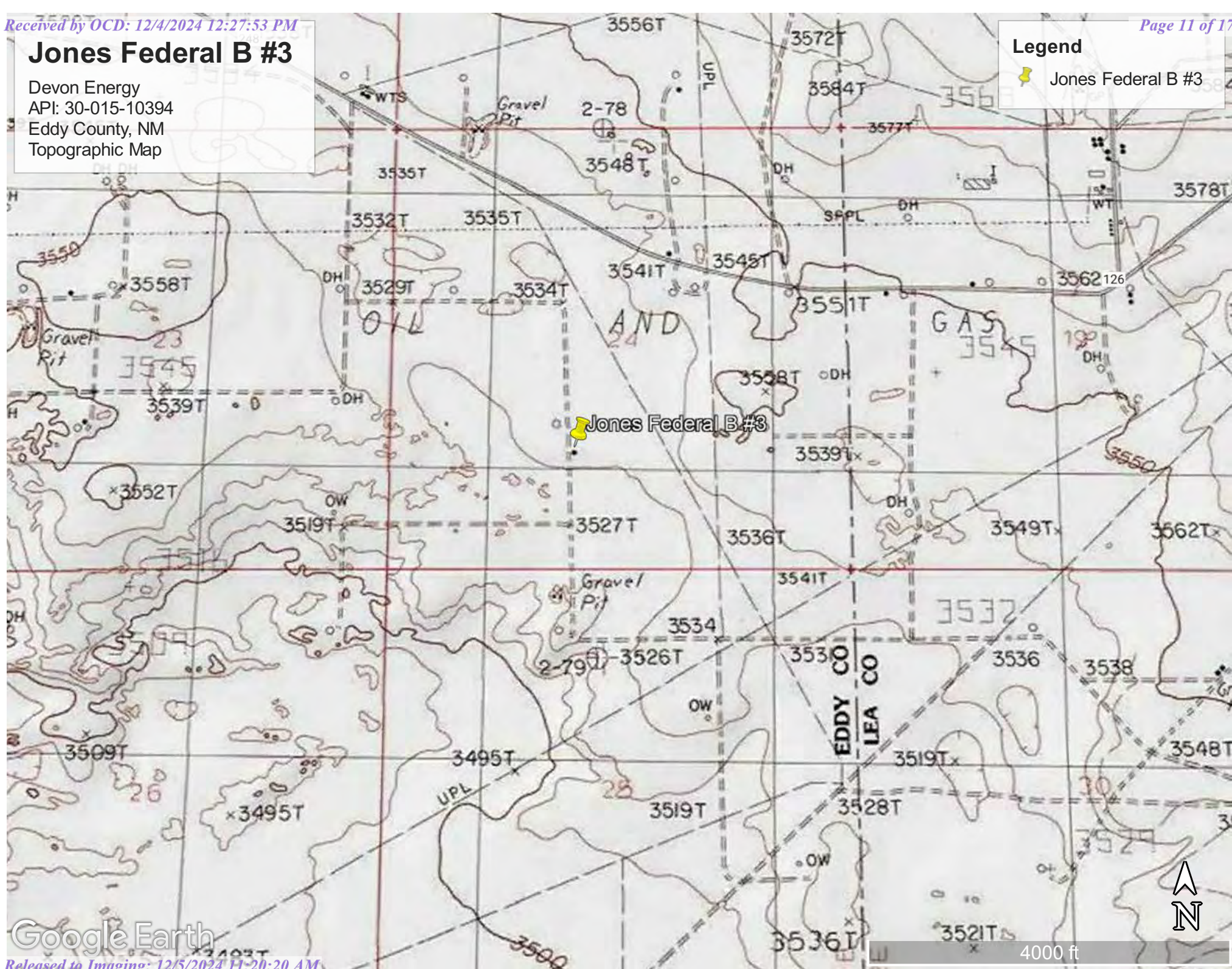
Legend

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



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





 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

Jones Federal B #3

Devon Energy
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



Jones Fed Battery • 32.642550, -103.824556



Jones Federal B #3

Devon Energy
AP# 30-015-10394
Eddy County, NM
Site Map 2-26-21

Legend

-  32.642550,-103.824556
-  Samples



Google Earth





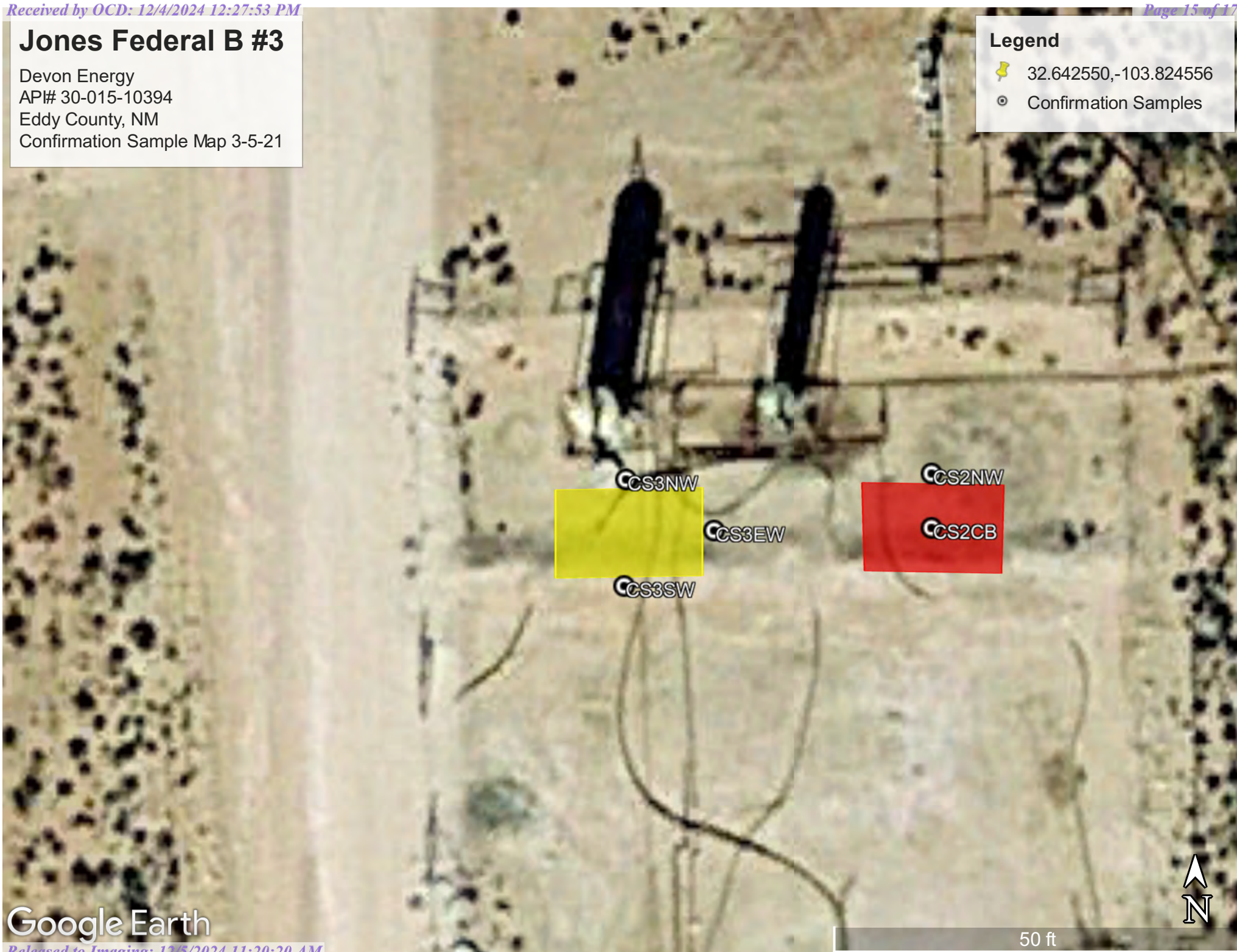
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Jones Federal B #3

Devon Energy
API# 30-015-10394
Eddy County, NM
Confirmation Sample Map 3-5-21

Legend

-  32.642550,-103.824556
-  Confirmation Samples





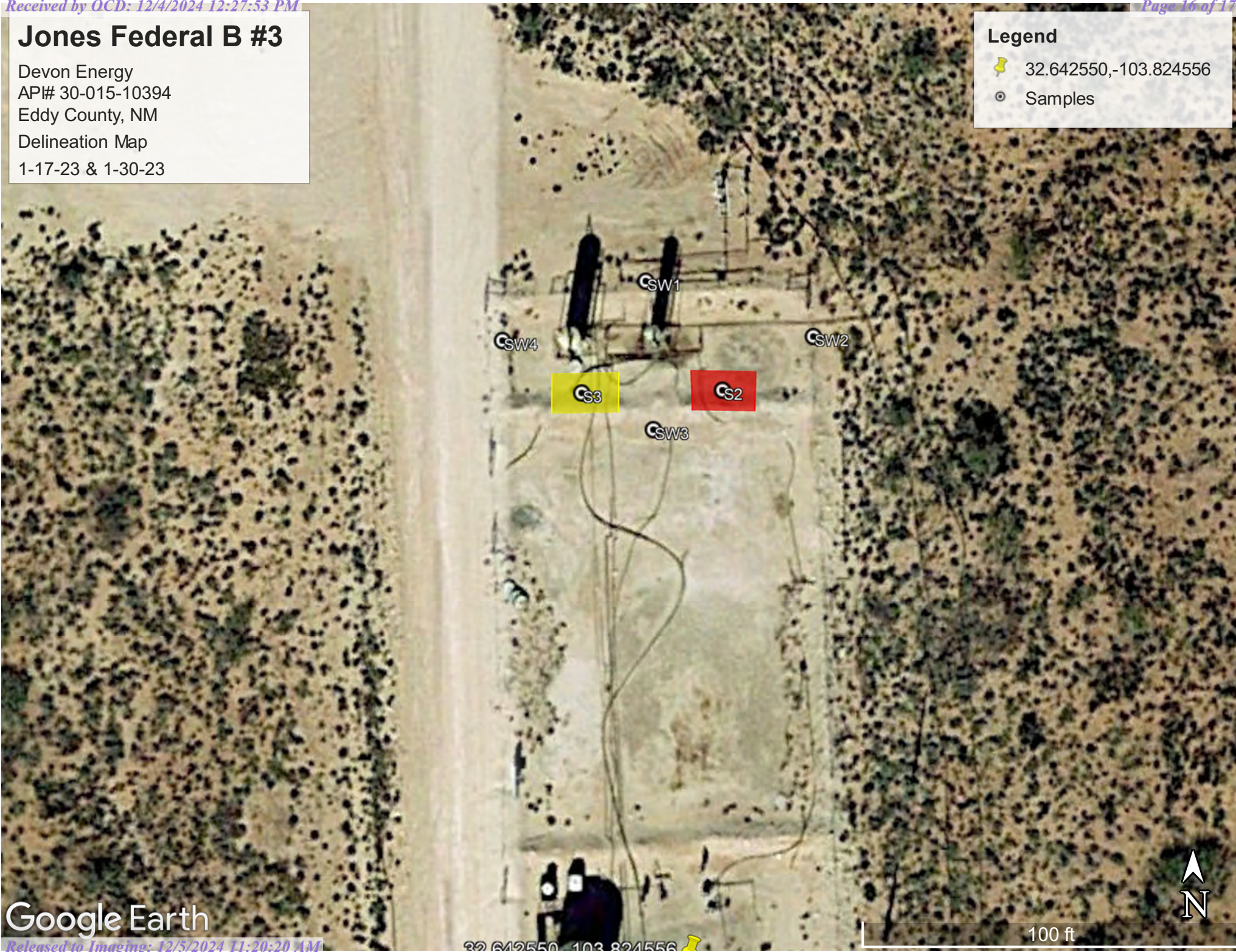
Google Earth

Jones Federal B #3

Devon Energy
API# 30-015-10394
Eddy County, NM
Delineation Map
1-17-23 & 1-30-23

Legend

-  32.642550,-103.824556
-  Samples



Google Earth

100 ft





Jones Federal B #3

Devon Energy
API# 30-015-10394


Eddy County, NM
Confirmation Sample Map
9-22-23

Legend

-  32.642550,-103.824556
-  Confirmation Samples

CS4W1
CS4
CS4W2
CS4W4
CS4W3
CS3W1
CS2W1
CS3W4
CS3
CS3W2
CS2W4
CS2W2
CS3W3
CS2W3

Google Earth

32.642550,-103.824556 




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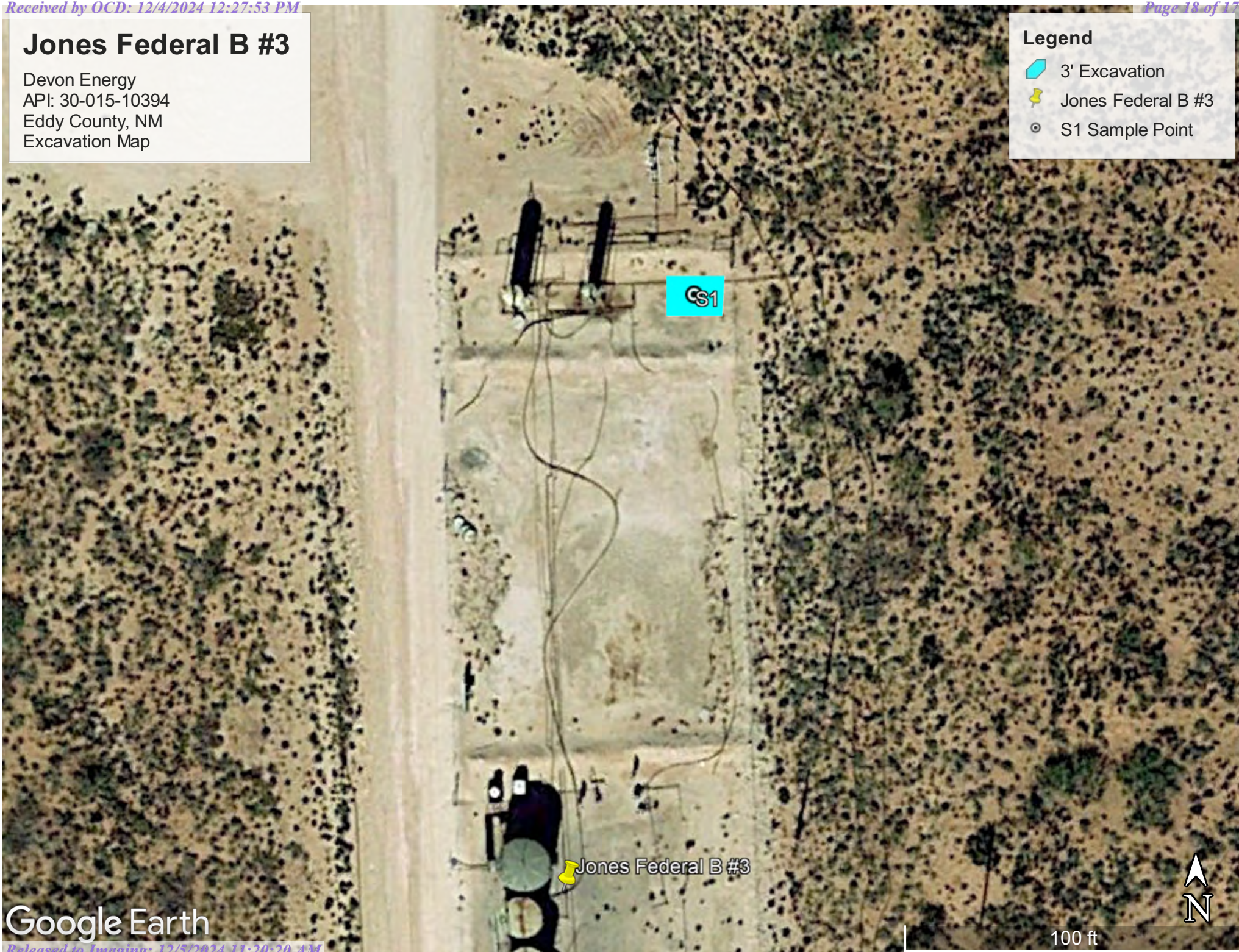


Jones Federal B #3

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

Legend

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






Google Earth

100 ft

Jones Federal B #3

Devon Energy
AP# 30-015-10394
Eddy County, NM
Confirmation Sample Map 11-20-24

Legend

-  3' Excavation
-  5-Point Composite Bottom Sample
-  5-Point Composite Sidewall Sample



Google Earth

60 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
CP 00642 POD1		CP	ED	2	2	25	19S	31E		611025	3611657*	988	250		
CP 01939 POD1		CP	ED	2	4	2	26	19S	31E	609488	3611347	1196			
CP 00563 POD1		CP	LE	1	1	2	19	19S	32E	612118	3613376*	2170	300		
CP 00640 POD1		CP	LE	2	2	19	19S	32E		612621	3613280*	2577	260	102	158
CP 00641 POD1		CP	ED	4	1	36	19S	31E		610247	3609634*	2636	300	130	170
CP 00639 POD1		CP	LE	3	1	20	19S	32E		613029	3612880*	2845	350	345	5
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	3258	400		
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	3269	400		
CP 01656 POD2		CP	LE	3	4	3	17	19S	32E	613364	3613648	3404	70		
CP 01656 POD3		CP	LE	3	4	3	17	19S	32E	613374	3613633	3408	30		
CP 01656 POD1		CP	LE	3	4	3	17	19S	32E	613368	3613646	3408	70		
CP 01864 POD1		CP	ED	4	2	1	34	19S	31E	607068	3609824	4013	110		
CP 00829 POD1		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 Co nty, NM
OSE Pod Map

Legend

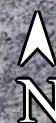
-  CP-00642 POD1
-  Jones Federal B #3
-  0.61 Miles

Jones Federal B #3

CP-00642 POD1

Google Earth

1000 ft





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

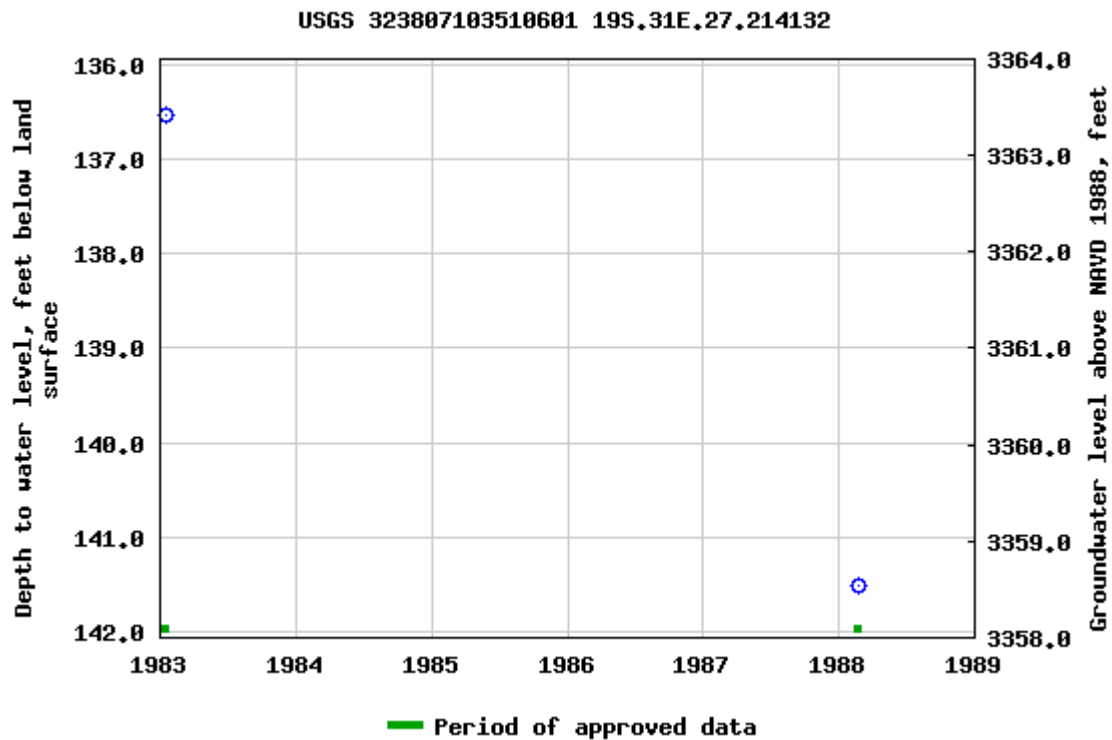
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

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Title: Groundwater for USA: Water Levels

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



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




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

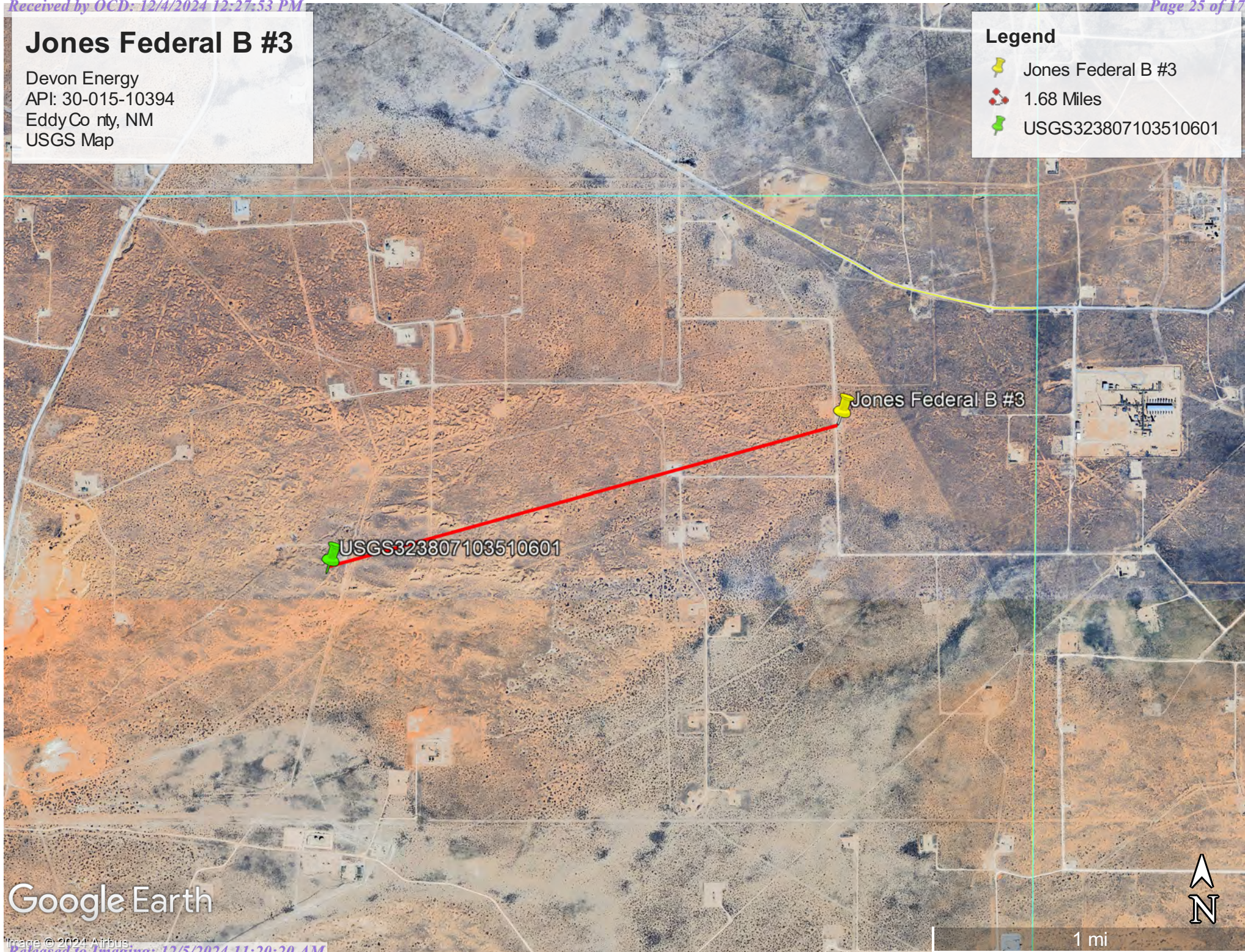
0.55 0.48 nadww02

Jones Federal B #3

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

Legend

-  Jones Federal B #3
-  1.68 Miles
-  USGS323807103510601



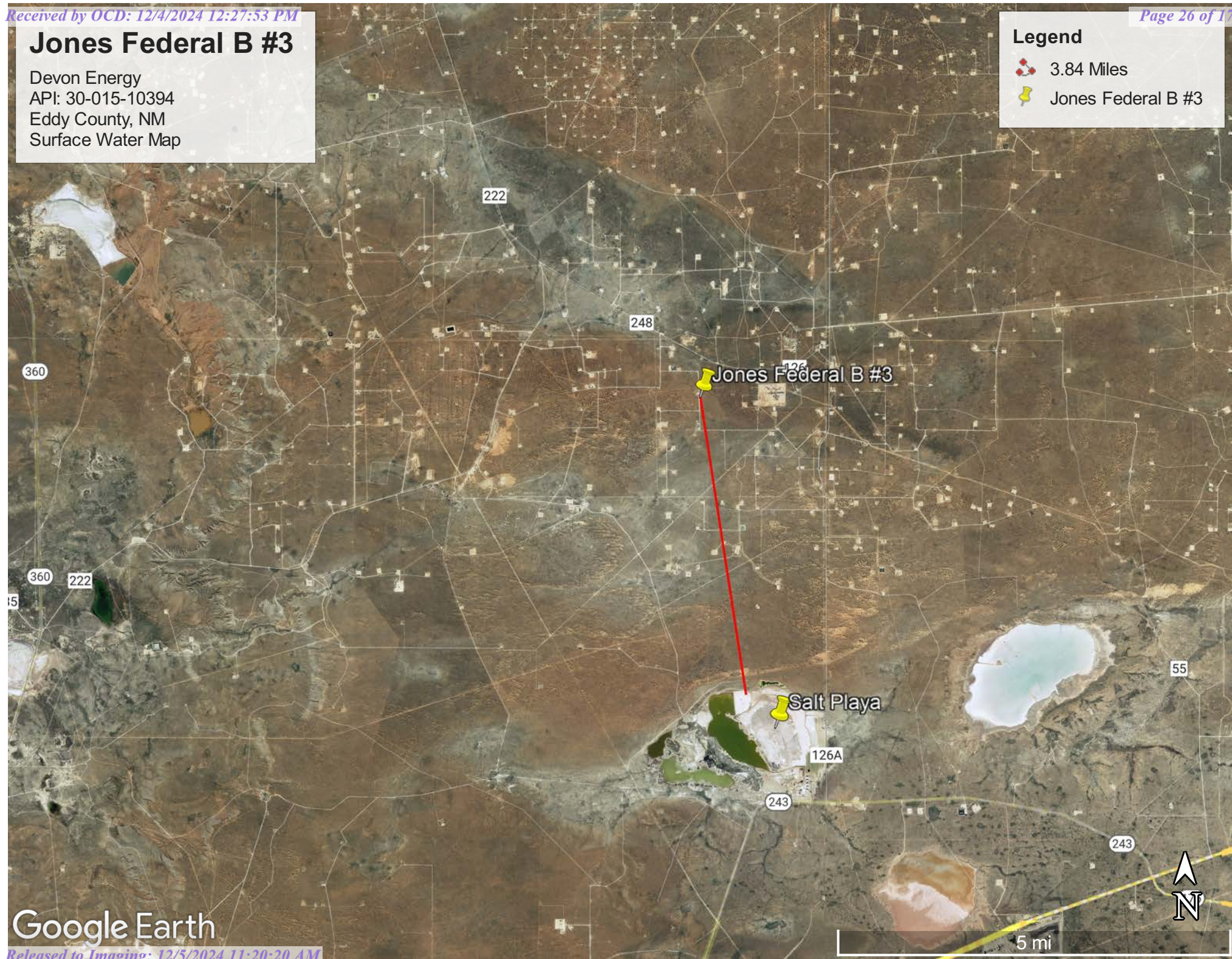
Google Earth

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

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

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

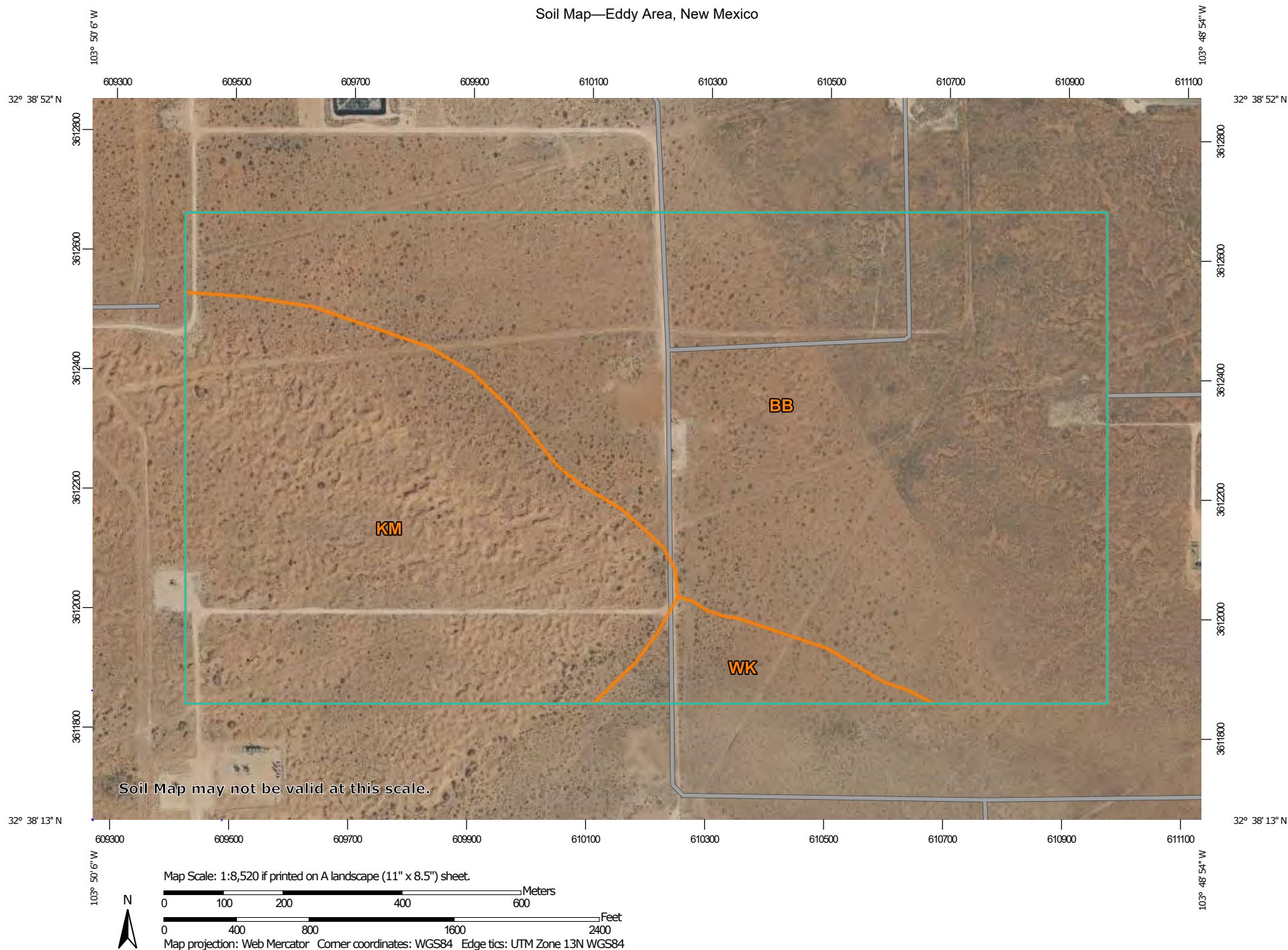
Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

10/3/2024
Page 1 of 3


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.



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	Kermi-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%
Totals for Area of Interest		316.1	100.0%

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

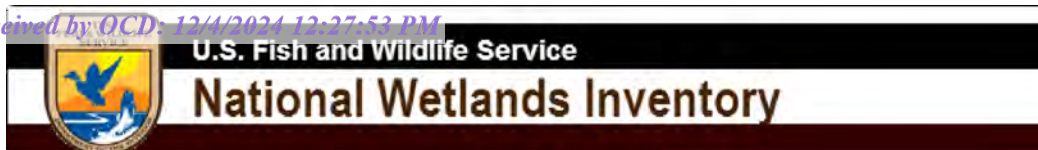
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

Appendix C

C-141 Form

48-Hour Sampling 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

nMLB1129240104

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy	6137	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
-------------	---------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	-----------------------

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

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: Adrienne Verkler		OIL CONSERVATION DIVISION	
Printed Name: Adrienne Verkler		Approved by <u>Signed By [Signature]</u> District Supervisor	
Title: Field Tech II		Approval Date: OCT 19 2011	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

Delineation required for
BTEX, TPH & Chlorides

2RA-921

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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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@dv.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<http://www.emnrd.nm.gov/oed>

From: Gio PimaOil <gio@pimaoil.com>

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

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Tom Pima Oil <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]

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 404332

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404332
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

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

Location of Release Source	
Site Name	JONES FEDERAL B #3
Date Release Discovered	10/01/2011
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/20/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.642550, -103.824556

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 404332

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404332
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/18/2024



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.

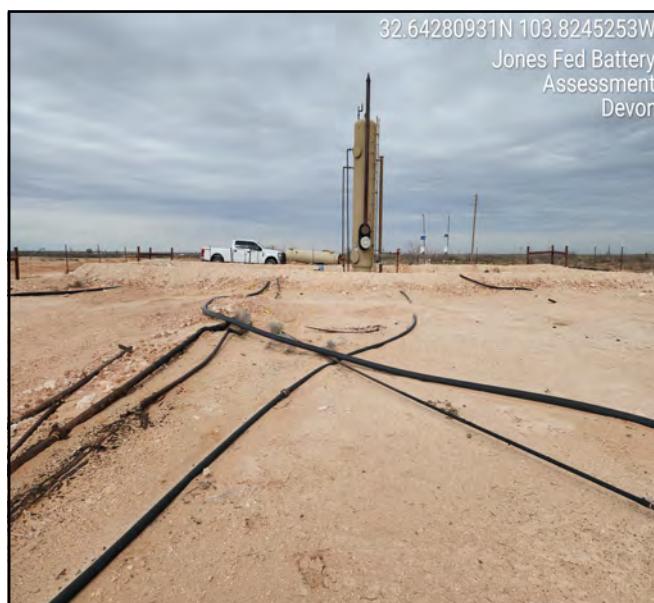


Photo showing the area of the release.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Jones Federal B #3

Excavation:



Photograph illustrating the depth of the excavation site, facing southeast.



Photograph illustrating the depth of the excavation site, facing south.



Photograph illustrating the depth of the excavation site, facing north.



Photograph illustrating the depth of the excavation site, facing northwest.



Photo showing the depth of the excavation site.



Photo showing the depth of the excavation site.

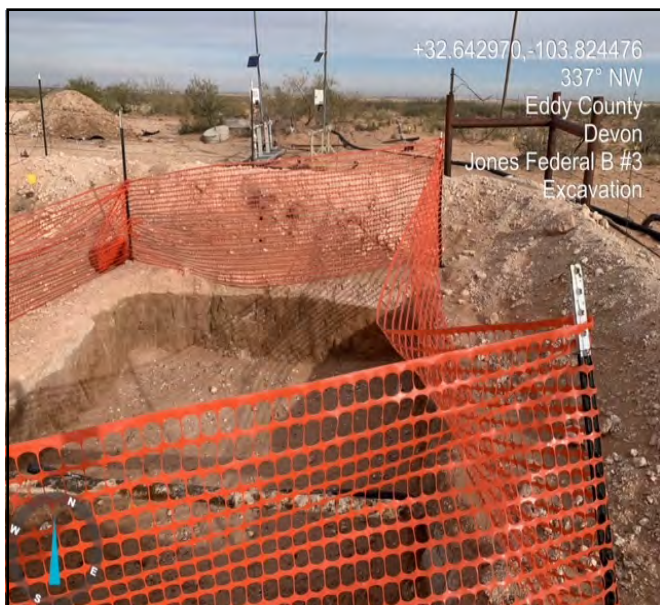


Photo showing the depth of the excavation site.

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.



Pima Environmental Services

Appendix E

Laboratory Reports



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

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.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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

BTX 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 BTX	<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
Chloride	480	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	
DRO >C10-C28*	802	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	597	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 123 % 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
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 01/08/2021
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	448	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	
DRO >C10-C28*	833	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	599	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	240	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	
DRO >C10-C28*	246	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	197	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



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Analytical Results For:

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

Received: 01/08/2021
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	272	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	
DRO >C10-C28*	43.9	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	10.8	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	768	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		
DRO >C10-C28*	3490	50.0	01/11/2021	ND	235	118	200	1.16		
EXT DRO >C28-C36	1940	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	432	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	
DRO >C10-C28*	801	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	499	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Chloride	272	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	
DRO >C10-C28*	378	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	224	10.0	01/11/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 130 % 42.2-156

Cardinal Laboratories

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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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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	
Chloride	128	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	
DRO >C10-C28*	116	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	76.1	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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	
Toluene*	0.221	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	
Total Xylenes*	2.63	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
Total BTEX	2.86	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 155 % 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	3000	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*	126	50.0	01/11/2021	ND	232	116	200	2.72	
DRO >C10-C28*	7430	50.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	2710	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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	
Toluene*	0.238	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	
Total Xylenes*	3.52	0.300	01/12/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
Total BTEX	3.76	0.600	01/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 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	2280	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
GRO C6-C10*	159	10.0	01/11/2021	ND	232	116	200	2.72	
DRO >C10-C28*	4580	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	1160	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Benzene*	0.429	0.200	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	2.67	0.200	01/11/2021	ND	1.95	97.7	2.00	9.09	GC-NC1
Ethylbenzene*	2.67	0.200	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	16.8	0.600	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
Total BTEX	22.6	1.20	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 178 % 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	1920	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*	1400	50.0	01/12/2021	ND	232	116	200	2.72	
DRO >C10-C28*	15200	50.0	01/12/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	3380	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Benzene*	0.261	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	1.30	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	GC-NC1
Ethylbenzene*	2.05	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	19.5	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	GC-NC1
Total BTEX	23.1	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
Chloride	1630	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*	1070	50.0	01/12/2021	ND	232	116	200	2.72	
DRO >C10-C28*	10300	50.0	01/12/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	2400	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



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Analytical Results For:

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

Received: 01/08/2021
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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	
Toluene*	10.4	0.500	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	18.2	0.500	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	48.9	1.50	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	77.5	3.00	01/11/2021	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
Chloride	2600	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*	802	50.0	01/12/2021	ND	232	116	200	2.72		
DRO >C10-C28*	11300	50.0	01/12/2021	ND	235	118	200	1.16		
EXT DRO >C28-C36	2640	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Benzene*	0.089	0.050	01/11/2021	ND	1.99	99.4	2.00	8.19	
Toluene*	4.38	0.050	01/11/2021	ND	1.95	97.7	2.00	9.09	
Ethylbenzene*	5.16	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	15.4	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTEX	25.0	0.300	01/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 206 % 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	1090	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
GRO C6-C10*	225	10.0	01/11/2021	ND	232	116	200	2.72	
DRO >C10-C28*	3230	10.0	01/11/2021	ND	235	118	200	1.16	
EXT DRO >C28-C36	853	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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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

BTX 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*	0.070	0.050	01/11/2021	ND	1.90	95.0	2.00	9.54	
Total Xylenes*	0.220	0.150	01/11/2021	ND	5.58	93.0	6.00	9.35	
Total BTX	<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	
Chloride	464	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*	34.0	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 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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

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
Reported: 01/12/2021
Project Name: JONES FED B3
Project Number: #53 JONES BATTERY
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 01/08/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: BG 3 (H210057-19)

BTX 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 BTX	<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



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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.
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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A handwritten signature in black ink, appearing to read "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>Pima Environmental</u>		BILL TO		ANALYSIS REQUEST																																			
Project Manager: <u>Chris Jones</u>		P.O. #: <u>20754433</u>																																					
Address: <u>1601 North Turner Ste 500</u>		Company: <u>Devon</u>																																					
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn: <u>Les Matthews</u>																																					
Phone #: <u>575-631-6977</u> Fax #:		Address:																																					
Project #: <u>53</u> Project Owner: <u>Devon</u>		City:																																					
Project Name: <u>Jones Battery</u>		State: Zip:																																					
Project Location: <u>EDDY County</u>		Phone #:																																					
Sampler Name: <u>Mark Newcomb</u>		Fax #:																																					
FOR LAB USE ONLY		PRESERV		SAMPLING																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		TPH EXT BTEX Chloride									
<u>H210057</u>		<u>51-0-6"</u>																								<u>1/8/21</u>		<u>1:15p</u>											
<u>2</u>		<u>51-1'</u>																																					
<u>3</u>		<u>51-2'</u>																																					
<u>4</u>		<u>51-3'</u>																																					
<u>5</u>		<u>52-0-6"</u>																																					
<u>6</u>		<u>52-1'</u>																																					
<u>7</u>		<u>52-2'</u>																																					
<u>8</u>		<u>52-3'</u>																																					
<u>9</u>		<u>53-0-6"</u>																																					
<u>10</u>		<u>53-1'</u>																																					
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																							
Relinquished By: <u>[Signature]</u>		Date: <u>1/8/21</u>		Received By: <u>[Signature]</u>		Time: <u>1315</u>		Date: <u>1/8/21</u>		Received By: <u>[Signature]</u>		Time: <u>1315</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		All Results are emailed. Please provide Email address:																							
Relinquished By: <u>[Signature]</u>		Date: <u>1/8/21</u>		Received By: <u>[Signature]</u>		Time: <u>1315</u>		Date: <u>1/8/21</u>		Received By: <u>[Signature]</u>		Time: <u>1315</u>		REMARKS: <u>Bill TO Devon</u>																									
Delivered By: (Circle One)		Observed Temp. °C <u>13.9</u>		Sample Condition		Cool Intact		CHECKED BY: (Initials) <u>[Signature]</u>		Turnaround Time: <u>Standard</u>		Bacteria (only) Sample Condition																											
Sampler - UPS - Bus - Other:		Corrected Temp. °C		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID #113		Corrected Temp. °C																											

FORM-006-R-3-1 00104720

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pima Environmental Project Manager: Chris Jones Address: 1601 N. Turner Ste 500 City: Hobbs State: NM Zip: 88240 Phone #: 575-631-6977 Fax #: Project #: 53 Project Owner: Devon Project Name: Jones Battery State: Zip: Project Location: EDDY County Phone #: Sampler Name: Mark Newcomb Fax #: 		BILL TO P.O. #: 20754433 Company: Devon Attn: Wes Mathews Address: City: State: Zip: Phone #: Fax #: 		ANALYSIS REQUEST	
Lab I.D. H210057		Sample I.D.		(G)RAB OR (C)OMP.	
11 53-2' 12 53-3' 13 54-0-6" 14 54-1' 15 54-2' 16 54-3' 17 BG-1 18 BG-2 19 BG-3		# CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	
		MATRIX		ACID/BASE: ICE / COOL OTHER :	
		PRESERV		DATE TIME 1/8/21 1:15	
		SAMPLING		TPH - EXT BTEX Chloride	
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Relinquished By: [Signature]		Received By: [Signature]		REMARKS: Bill TO Devon	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 18.9 Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Corrected Temp. °C 18.9		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Correction Factor None <input checked="" type="checkbox"/> Observed Temp. °C 18.9	



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

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.

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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.062	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	
Chloride	352	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	
DRO >C10-C28*	228	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	96.9	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



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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.283	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	0.147	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	0.361	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	0.791	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
Chloride	832	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
GRO C6-C10*	11.7	10.0	03/04/2021	ND	202	101	200	6.12	
DRO >C10-C28*	2280	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	637	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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 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 BTX	<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	
Chloride	640	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	
DRO >C10-C28*	161	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	63.9	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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Chloride	208	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	
DRO >C10-C28*	86.1	10.0	03/03/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	23.2	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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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	29.8	5.00	03/04/2021	ND	1.98	98.8	2.00	0.807	
Toluene*	291	5.00	03/04/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	112	5.00	03/04/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	232	15.0	03/04/2021	ND	6.42	107	6.00	0.968	
Total BTX	666	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
Chloride	928	16.0	03/04/2021	ND	416	104	400	8.00	
TPH 8015M									S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3560	50.0	03/04/2021	ND	202	101	200	6.12	
DRO >C10-C28*	11800	50.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	1990	50.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 468 % 44.3-144

Surrogate: 1-Chlorooctadecane 501 % 42.2-156

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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.108	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	0.055	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	
Chloride	496	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	
DRO >C10-C28*	1630	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	447	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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.550	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	0.358	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	1.94	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTEX	2.85	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 198 % 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	544	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*	156	10.0	03/04/2021	ND	202	101	200	6.12	
DRO >C10-C28*	5970	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	1290	10.0	03/04/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-144

Surrogate: 1-Chlorooctadecane 275 % 42.2-156

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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.092	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	
Chloride	224	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	
DRO >C10-C28*	772	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	345	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



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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 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	
Toluene*	0.071	0.050	03/03/2021	ND	2.07	104	2.00	0.106	
Ethylbenzene*	0.244	0.050	03/03/2021	ND	2.08	104	2.00	0.727	
Total Xylenes*	1.15	0.150	03/03/2021	ND	6.42	107	6.00	0.968	
Total BTX	1.47	0.300	03/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 189 % 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	480	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*	130	10.0	03/04/2021	ND	202	101	200	6.12	
DRO >C10-C28*	3790	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	743	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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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
Chloride	464	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	
DRO >C10-C28*	550	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	191	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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Analytical Results For:

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

Received: 03/02/2021
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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	
Toluene*	0.064	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	
Chloride	288	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	
DRO >C10-C28*	75.4	10.0	03/03/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	22.2	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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 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*	0.055	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 BTX	<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	
Chloride	160	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	
DRO >C10-C28*	236	10.0	03/04/2021	ND	213	107	200	3.91	
EXT DRO >C28-C36	125	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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*=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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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, SM4500CI-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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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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 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 BTX	<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	
Chloride	48.0	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	
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
Reported: 03/04/2021
Project Name: JONES FED B #3
Project Number: NONE GIVEN
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 02/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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		
Toluene*	0.058	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, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	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	
DRO >C10-C28*	374	10.0	03/03/2021	ND	213	107	200	1.49	
EXT DRO >C28-C36	214	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



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.
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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A handwritten signature in black ink, appearing to read "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: Pina Environmental						BILL TO						ANALYSIS REQUEST					
Project Manager: Tom Byrum						P.O. #: 207-544328											
Address: 1601 N. Turner Ste 500						Company: Deon											
City: Hobbs State: NM Zip: 88240						Attn: Wes Matthews											
Phone #: 580-748-1613 Fax #:						Address:											
Project #:						City:											
Project Name: Jones Feed B #3						State:						Zip:					
Project Location: Eddy						Phone #:											
Sample Name: G.O.						Fax #:											
FOR LAB USE ONLY																	
Lab I.D.						Sample I.D.											
HAIOSOS						(G)RAB OR (C)OMP.											
						# CONTAINERS											
						GROUNDWATER											
						WASTEWATER											
						SOIL											
						OIL											
						SLUDGE											
						OTHER :											
						ACID/BASE:											
						ICE / COOL											
						OTHER :											
						DATE						TIME					
1						Sta - Wall South.						C					
2						S/2 - Baker Bottom						X					
3						S/2 - East wall.						A					
4						S/2 - West wall.						2/26/21					
5						S/2 - North Wall.						10:00					
6						S/3 - South Wall.						10:30					
7						S/3 - East Wall.						10:45					
8						S/3 - West Wall.						11:00					
9						S/3 - North Wall.						11:30					
10						S/3 - Baker Bottom						11:30					
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Relinquished By: [Signature]						Date: 3/2/21						Received By: [Signature]					
Time: 16:15						Date: 3/2/21						Received By: [Signature]					
Relinquished By: [Signature]						Time: 16:15						Received By: [Signature]					
Delivered By: (Circle One)						Observed Temp. °C -3.8						Corrected Temp. °C					
Sampler - UPS - Bus - Other:						Sample Condition Cool Intact Yes No						CHECKED BY: (Initials) [Signature]					
Turnaround Time:						Standard RUSH						Bacteria (only) Sample Condition Cool Intact Yes No					
Thermometer ID #113						Correction Factor None						All Results are emailed. Please provide Email address:					



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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
Reported: 03/10/2021
Project Name: JONES FED B #3
Project Number: #53
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 03/05/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTX 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 BTX	<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



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
Reported: 03/10/2021
Project Name: JONES FED B #3
Project Number: #53
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 03/05/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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
Reported: 03/10/2021
Project Name: JONES FED B #3
Project Number: #53
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 03/05/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

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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
Reported: 03/10/2021
Project Name: JONES FED B #3
Project Number: #53
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 03/05/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

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
Reported: 03/10/2021
Project Name: JONES FED B #3
Project Number: #53
Project Location: DEVON ENERGY - EDDY CO NM

Sampling Date: 03/05/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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



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

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



BILL TO

ANALYSIS REQUEST

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

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

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
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
S-2 4'	5
S-3 4'	6
QC Summary Data	7
QC - Volatile Organic Compounds by EPA 8260B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Fed Battery #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/24/23 12:03

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

Reported:
1/24/2023 12:03:47PM

S-2 4'

E301109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.3 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.3 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		107 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	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

Reported:
1/24/2023 12:03:47PM

S-3 4'

E301109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		90.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		90.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		107 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jones Fed Battery #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:03:47PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (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	Project Name:	Jones Fed Battery #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:03:47PM

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	Project Name:	Jones Fed Battery #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:03:47PM

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	Project Name:	Jones Fed Battery #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:03:47PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2303077-BLK1)					Prepared: 01/20/23 Analyzed: 01/20/23				
Chloride	ND	20.0							
LCS (2303077-BS1)					Prepared: 01/20/23 Analyzed: 01/20/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2303077-MS1)					Source: E301109-01		Prepared: 01/20/23 Analyzed: 01/20/23		
Chloride	257	40.0	250	ND	103	80-120			
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	

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	Reported:
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.



Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program										
Project: Jones fed Battery #3					Attention: Devon Energy					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA									
Project Manager: Tom Bynum					Address:					E301109		01058-0007						X											
Address: 5614 N. Lovington Hwy.					City, State, Zip					Analysis and Method															RCRA				
City, State, Zip Hobbs, NM, 88240					Phone:															State									
Phone: 580-748-1613					Email:															NM	CO	UT	AZ	TX					
Email: tom@pimaoil.com					Pima Project # 1-53															X									
Report due by:																				Remarks									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRD/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX														
11:00	1/17/23	S	1	S-2 4'	1									X															
11:05	L	L	L	S-3 4'	2									L															
Additional Instructions: Bill To Devon Energy: #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.										Sampled by: Andriana Benavidez										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															
And. Roberts			1/19/23		2:00 P		Andriana Benavidez			1-19-23		1400		Received on ice: D/N															
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		T1 T2 T3															
Andriana Benavidez			1-19-23		1715		Lorena Fer			1-19-23		1730																	
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		AVG Temp °C															
Lorena Fer			1-19-23		2300		Curtis Chet			1/20/23		7:00		4															
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																													

Envirotech Analytical Laboratory

Printed: 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

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

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

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Lynn Jarboe
Technical Representative/Client Services
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW-1	5
SW-2	6
SW-3	7
SW-4	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Fed B #3	Reported: 02/06/23 14:57
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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

Reported:
2/6/2023 2:57:54PM

SW-1

E302007-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
2/6/2023 2:57:54PM

SW-2

E302007-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
2/6/2023 2:57:54PM

SW-3

E302007-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
2/6/2023 2:57:54PM

SW-4

E302007-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jones Fed B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/6/2023 2:57:54PM

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	Project Name:	Jones Fed B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/6/2023 2:57:54PM

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	Project Name:	Jones Fed B #3	Reported: 2/6/2023 2:57:54PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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	Project Name:	Jones Fed B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/6/2023 2:57:54PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (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	Reported:
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.





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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS2-4'	6
CS3-4'	7
CS4-4'	8
CS2W1	9
CS2W2	10
CS2W3	11
CS2W4	12
CS3W1	13
CS3W2	14
CS3W3	15
CS3W4	16
CS4W1	17
CS4W2	18
CS4W3	19
CS4W4	20
QC Summary Data	21
QC - Volatile Organics by EPA 8021B	21
QC - Nonhalogenated Organics by EPA 8015D - GRO	22
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported: 09/28/23 13:48
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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

Reported:
9/28/2023 1:48:01PM

CS2-4'

E309196-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2339031	
Chloride	20.4	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

Reported:
9/28/2023 1:48:01PM

CS3-4'

E309196-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS4-4'

E309196-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS2W1

E309196-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS2W2

E309196-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS2W3

E309196-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS2W4

E309196-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS3W1

E309196-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS3W2

E309196-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jones Federal B #3	Reported: 9/28/2023 1:48:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS3W3

E309196-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	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	
Surrogate: 4-Bromochlorobenzene-PID	94.5 %	70-130		09/27/23	09/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2339037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/23	09/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.8 %	70-130		09/27/23	09/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Surrogate: n-Nonane	102 %	50-200		09/27/23	09/27/23	
Anions by EPA 300.0/9056A	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

Reported:
9/28/2023 1:48:01PM

CS3W4

E309196-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS4W1

E309196-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS4W2

E309196-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS4W3

E309196-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
9/28/2023 1:48:01PM

CS4W4

E309196-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jones Federal B #3	Reported: 9/28/2023 1:48:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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	Project Name:	Jones Federal B #3	Reported: 9/28/2023 1:48:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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	Project Name:	Jones Federal B #3	Reported: 9/28/2023 1:48:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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	Project Name:	Jones Federal B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/28/2023 1:48:01PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2339031-BLK1)					Prepared: 09/27/23 Analyzed: 09/27/23				
Chloride	ND	20.0							
LCS (2339031-BS1)					Prepared: 09/27/23 Analyzed: 09/27/23				
Chloride	246	20.0	250		98.5	90-110			
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			
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	

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	Reported:
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: <u>Jones Federal B #5</u>					Attention: <u>Devon</u>					Lab WO# <u>E309196</u>					Job Number <u>01058-0007</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:					Analysis and Method									RCRA					
Address: 5614 N. Lovington Hwy.					City, State, Zip																			
City, State, Zip: Hobbs, NM, 88240					Phone:														State					
Phone: 580-748-1613					Email:																			
Email: tom@pimaoil.com					Pima Project # <u>21-53</u>														NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>					
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	Remarks								
3:30 ^{PM}	9/22	S	1	CS2-4'	1									X										
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: <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) <u>Kerrine Adams</u> Date <u>9/26/23</u> Time <u>1:00</u>												Received by: (Signature) <u>Michelle Cangel</u> Date <u>9/26/23</u> Time <u>1:00</u>												
Relinquished by: (Signature) <u>Michelle Cangel</u> Date <u>9-26-23</u> Time <u>1645</u>												Received by: (Signature) <u>Kyle R Hall</u> Date <u>9/26/23</u> Time <u>1650</u>												
Relinquished by: (Signature) <u>Kyle R Hall</u> Date <u>9/26/23</u> Time <u>2245</u>												Received by: (Signature) <u>Carla Ma</u> Date <u>9-27-23</u> Time <u>7:00</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.																								


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Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: <u>Jones Federal B #3</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>R1-53</u>					Lab Use Only Lab WO# <u>E309196</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
										NM CO UT AZ TX <input checked="" type="checkbox"/>				RCRA						
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						
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 Received on ice: <u>Y/N</u>								
<u>Kurtine Adams</u>		9/26/23		1:00		<u>Michelle Gungor</u>		9-26-23		1:00										
<u>Michelle Gungor</u>		9-26-23		16:45		<u>Kyle R Hill</u>		9/26/23		16:50		T1 T2 T3								
<u>Kyle R Hill</u>		9/26/23		22:43		<u>Carla Mar</u>		9-27-23		7:00		AVG Temp °C <u>4</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.																				


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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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jones Federal B #3

Work Order: E411232

Job Number: 01058-0007

Received: 11/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/22/24

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: 11/22/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Jones Federal B #3
Workorder: E411232
Date Received: 11/22/2024 7:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2024 7:30:00AM, 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS1	5
CSW1	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported: 11/22/24 12:52
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E411232-01A	Soil	11/20/24	11/22/24	Glass Jar, 2 oz.
CSW1	E411232-02A	Soil	11/20/24	11/22/24	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: Gio Gomez

Reported:
11/22/2024 12:52:50PM

CS1

E411232-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2447117	
Benzene	ND	0.0250	1	11/22/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/22/24	11/22/24	
Toluene	ND	0.0250	1	11/22/24	11/22/24	
o-Xylene	ND	0.0250	1	11/22/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/22/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/22/24	11/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		11/22/24	11/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2447117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/24	11/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		11/22/24	11/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2447115	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/24	11/22/24	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		11/22/24	11/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2447116	
Chloride	ND	20.0	1	11/22/24	11/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported: 11/22/2024 12:52:50PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1

E411232-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2447117	
Benzene	ND	0.0250	1	11/22/24	11/22/24	
Ethylbenzene	ND	0.0250	1	11/22/24	11/22/24	
Toluene	ND	0.0250	1	11/22/24	11/22/24	
o-Xylene	ND	0.0250	1	11/22/24	11/22/24	
p,m-Xylene	ND	0.0500	1	11/22/24	11/22/24	
Total Xylenes	ND	0.0250	1	11/22/24	11/22/24	
Surrogate: 4-Bromochlorobenzene-PID	87.0 %	70-130		11/22/24	11/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2447117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/24	11/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		11/22/24	11/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2447115	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/24	11/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/24	11/22/24	
Surrogate: n-Nonane	93.0 %	50-200		11/22/24	11/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2447116	
Chloride	ND	20.0	1	11/22/24	11/22/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported: 11/22/2024 12:52:50PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: SL

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 (2447117-BLK1)

Prepared: 11/22/24 Analyzed: 11/22/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.82		8.00		85.3	70-130			

LCS (2447117-BS1)

Prepared: 11/22/24 Analyzed: 11/22/24

Benzene	4.95	0.0250	5.00		99.0	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.7	0.0250	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			

LCS Dup (2447117-BSD1)

Prepared: 11/22/24 Analyzed: 11/22/24

Benzene	5.23	0.0250	5.00		105	70-130	5.46	20	
Ethylbenzene	5.03	0.0250	5.00		101	70-130	3.33	20	
Toluene	5.16	0.0250	5.00		103	70-130	4.23	20	
o-Xylene	5.03	0.0250	5.00		101	70-130	3.64	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	2.82	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	3.09	20	
Surrogate: 4-Bromochlorobenzene-PID	6.86		8.00		85.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/22/2024 12:52:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2447117-BLK1) Prepared: 11/22/24 Analyzed: 11/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

LCS (2447117-BS2) Prepared: 11/22/24 Analyzed: 11/22/24

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.2	70-130			

LCS Dup (2447117-BSD2) Prepared: 11/22/24 Analyzed: 11/22/24

Gasoline Range Organics (C6-C10)	39.3	20.0	50.0		78.7	70-130	1.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported: 11/22/2024 12:52:50PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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 (2447115-BLK1)					Prepared: 11/21/24 Analyzed: 11/21/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.7		50.0		103	50-200			

LCS (2447115-BS1)					Prepared: 11/21/24 Analyzed: 11/21/24				
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

LCS Dup (2447115-BSD1)					Prepared: 11/21/24 Analyzed: 11/21/24				
Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132	4.03	20	
Surrogate: n-Nonane	54.6		50.0		109	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/22/2024 12:52:50PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2447116-BLK1)					Prepared: 11/22/24 Analyzed: 11/22/24				
Chloride	ND	20.0							
LCS (2447116-BS1)					Prepared: 11/22/24 Analyzed: 11/22/24				
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2447116-MS1)					Source: E411232-02		Prepared: 11/22/24 Analyzed: 11/22/24		
Chloride	249	20.0	250	ND	99.4	80-120			
Matrix Spike Dup (2447116-MSD1)					Source: E411232-02		Prepared: 11/22/24 Analyzed: 11/22/24		
Chloride	252	20.0	250	ND	101	80-120	1.55	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 Federal B #3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/22/24 12:52

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

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

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



Chain of Custody

[illegible]

Envirotech Analytical Laboratory

Printed: 11/22/2024 8:02:27AM

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:	11/22/24 07:30	Work Order ID:	E411232
Phone:	(575) 631-6977	Date Logged In:	11/21/24 14:08	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	11/22/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No of containers and sampled by missing on COC.

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

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

Date



envirotech Inc.

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QUESTIONS

Action 408542

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Location of Release Source*Please answer all the questions in this group.*

Site Name	JONES FEDERAL B #3
Date Release Discovered	10/01/2011
Surface Owner	Federal

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Cause: 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	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 408542

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	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@dmn.com Date: 10/09/2024
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QUESTIONS, Page 3

Action 408542

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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.

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QUESTIONS, Page 4

Action 408542

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 10/09/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 408542

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 408542

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	404332
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/20/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	200

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	730
What was the total volume (cubic yards) remediated	93
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	730
What was the total volume (in cubic yards) reclaimed	730
Summarize any additional remediation activities not included by answers (above)	Previous areas were excavated in 2021 totaling 530 sq ft and 71 cy. S1 is the area is newly remediated and totaled 200 sq ft and 22 cy.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/04/2024
--	--

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QUESTIONS, Page 7

Action 408542

QUESTIONS (continued)

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	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 408542

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408542
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	12/5/2024
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	12/5/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	12/5/2024