

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

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company WPX Energy Production, LLC	Contact Deborah Watson	
Address PO Box 640, Aztec NM 87410	Telephone No. 505-333-1880	
Facility Name Jair #001	Facility Type Well Pad/Tank Battery	
Surface Owner Jicarilla Apache	Mineral Owner Jicarilla Apache	API No.30-043-20080

**LOCATION OF RELEASE**



Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	07	22N	05W	1980	North	660	East	Sandoval

Latitude N36.153751 Longitude W107.395919 NAD83

**NATURE OF RELEASE**

Type of Release Produced water and crude oil	Volume of Release unknown	Volume Recovered unknown
Source of Release BGT	Date and Hour of Occurrence unknown	Date and Hour of Discovery 4/7/15
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* On 4/7/2015, a confirmation sample was collected from below the BGT during closure. Results for BTEX and TPH exceeded closure standards indicating that a release had occurred from the BGT.		
Describe Area Affected and Cleanup Action Taken.* <ul style="list-style-type: none"><li>Facility was dismantled.</li><li>Impacted soil was excavated from beneath the BGT and removed production tanks. Impacted soil was disposed of at the landfarm.</li><li>The final excavation measured approximately 65 feet x 30 feet x 12 feet in depth. Approximately 2,520 cubic yards of impacted material was removed from the excavation.</li><li>Confirmation soils samples were collected from the base and sidewalls of the excavation on April 30, 2015.</li><li>BTEX concentrations were reported below the applicable NMOCD RRAL in all confirmation samples. Concentrations of TPH (as DRO+GRO) were reported below the RRAL of 1,000 mg/kg in all confirmation samples except the east wall (1,171 mg/kg) and base (1,279 mg/kg). (See attached laboratory report)</li><li>Due to safety concerns along the east wall and massive sandstone located at the base of the excavation, WPX requested alternative closure on May 5, 2015. Alternative closure included the application of potassium permanganate in lieu of further excavation which was not practical based on site conditions.</li><li>WPX received approval for alternative closure from NMOCD (May 7, 2015), Jicarilla Apache Environmental Protection Office (May 20, 2015), and Bureau of Indian Affairs, Jicarilla Agency (May 22, 2015). (See attached approvals)</li><li>After receipt of agency approvals, potassium permanganate was applied to the open excavation. (See attached photographs)</li><li>Backfilling of the open excavation began on June 1 and was completed on June 5, 2015.</li><li>No further action required.</li></ul>		

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Deborah Watson	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 8/11/2017	Expiration Date:
E-mail Address: deborah.watson@wpxenergy.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: July 24, 2017	Phone: 505-330-1880	

\* Attach Additional Sheets If Necessary

NVF1722338404

20



OIL CONS. DIV DIST. 3

MAY 05 2015

## Analytical Report

### Report Summary

Client: WPX Energy, Inc.

Chain Of Custody Number:

Samples Received: 4/30/2015 8:23:00AM

Job Number: 04108-0136

Work Order: P504084

Project Name/Location: Jair Tank Battery

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain", is written over a horizontal line.

Date: 5/4/15

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 5/4/15 3:41 pm

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

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WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Jair Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
#1 South Wall	P504084-01A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.
#2 East Wall	P504084-02A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.
#3 Southwest Wall	P504084-03A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.
#4 North Wall	P504084-04A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.
#5 Northwest Wall	P504084-05A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.
#6 Bottom	P504084-06A	Soil	04/29/15	04/30/15	Glass Jar, 4 oz.

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WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Jair Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

**#1 South Wall**  
**P504084-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	0.74	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	0.69	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	0.63	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	1.09	0.20	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	0.61	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	1.70	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	3.76	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.4 %	50-150		1518012	04/30/15	04/30/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	13.5	9.98	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1518016	04/30/15	04/30/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		99.0 %	50-200		1518016	04/30/15	04/30/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		75.1 %	50-150		1518012	04/30/15	04/30/15	EPA 8015D	

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WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358	Project Name:      Jarr Tank Battery Project Number:    04108-0136 Project Manager:    Vanessa Fields	Reported: 04-May-15 15:51
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**#2 East Wall**  
**P504084-02 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	0.22	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	0.76	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	1.39	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	10.5	0.20	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	1.64	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	12.1	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	14.5	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %		50-150	1518012	04/30/15	04/30/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	338	10.0	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	833	24.9	mg/kg	1	1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: o-Terphenyl		119 %		50-200	1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		96.3 %		50-150	1518012	04/30/15	04/30/15	EPA 8015D	

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PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Jarr Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

### #3 Southwest Wall

#### P504084-03 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	0.35	0.20	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	0.35	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	0.35	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %		50-150		1518012	04/30/15	04/30/15	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	18.6	9.97	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	28.0	24.9	mg/kg	1		1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: o-Terphenyl		97.2 %		50-200		1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		83.3 %		50-150		1518012	04/30/15	04/30/15	EPA 8015D	

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Project Name: Jair Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

**#4 North Wall**  
**P504084-04 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %		50-150	1518012	04/30/15	04/30/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	24.2	9.98	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	588	25.0	mg/kg	1	1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: o-Terphenyl		109 %		50-200	1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		94.0 %		50-150	1518012	04/30/15	04/30/15	EPA 8015D	

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Project Name: Jair Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

**#5 Northwest Wall**  
**P504084-05 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	0.58	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	3.14	0.20	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	1.18	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	4.31	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	4.89	0.10	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	50-150		1518012	04/30/15	04/30/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	97.9	9.97	mg/kg	1	1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	738	25.0	mg/kg	1	1518016	04/30/15	04/30/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		119 %	50-200		1518016	04/30/15	04/30/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		92.0 %	50-150		1518012	04/30/15	04/30/15	EPA 8015D	

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WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358	Project Name:      Jarr Tank Battery Project Number:    04108-0136 Project Manager:    Vanessa Fields	Reported: 04-May-15 15:51
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**#6 Bottom**  
**P504084-06 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Toluene	0.30	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Ethylbenzene	0.66	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
p,m-Xylene	4.18	0.20	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
o-Xylene	0.92	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Total Xylenes	5.10	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Total BTEX	6.06	0.10	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150		1518012	04/30/15	04/30/15	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	159	9.99	mg/kg	1		1518012	04/30/15	04/30/15	EPA 8015D	
Diesel Range Organics (C10-C28)	1120	25.0	mg/kg	1		1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: o-Terphenyl		134 %		50-200		1518016	04/30/15	04/30/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		95.9 %		50-150		1518012	04/30/15	04/30/15	EPA 8015D	

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Project Name: Jarr Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1518012 - Purge and Trap EPA 5030A

##### Blank (1518012-BLK1)

Prepared: 29-Apr-15 Analyzed: 30-Apr-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID	0.369		"	0.399		92.4	50-150			
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##### LCS (1518012-BS1)

Prepared: 29-Apr-15 Analyzed: 30-Apr-15

Benzene	21.3	0.10	mg/kg	20.0		107	75-125			
Toluene	21.9	0.10	"	20.0		110	70-125			
Ethylbenzene	21.5	0.10	"	20.0		108	75-125			
p,m-Xylene	42.7	0.20	"	39.9		107	80-125			
o-Xylene	20.4	0.10	"	20.0		102	75-125			

Surrogate: 4-Bromochlorobenzene-PID	0.351		"	0.399		87.9	50-150			
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##### Matrix Spike (1518012-MS1)

Source: P504077-01

Prepared: 29-Apr-15 Analyzed: 30-Apr-15

Benzene	20.7	0.10	mg/kg	20.0	ND	104	75-125			
Toluene	21.7	0.10	"	20.0	ND	108	70-125			
Ethylbenzene	21.3	0.10	"	20.0	ND	106	75-125			
p,m-Xylene	42.4	0.20	"	39.9	ND	106	80-125			
o-Xylene	20.4	0.10	"	20.0	ND	102	75-125			

Surrogate: 4-Bromochlorobenzene-PID	0.366		"	0.399		91.6	50-150			
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##### Matrix Spike Dup (1518012-MSD1)

Source: P504077-01

Prepared: 29-Apr-15 Analyzed: 30-Apr-15

Benzene	20.8	0.10	mg/kg	20.0	ND	104	75-125	0.296	15	
Toluene	21.5	0.10	"	20.0	ND	108	70-125	0.702	15	
Ethylbenzene	21.1	0.10	"	20.0	ND	106	75-125	0.653	15	
p,m-Xylene	42.0	0.20	"	39.9	ND	105	80-125	0.865	15	
o-Xylene	20.3	0.10	"	20.0	ND	102	75-125	0.597	15	

Surrogate: 4-Bromochlorobenzene-PID	0.378		"	0.399		94.8	50-150			
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Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com

laboratory@envirotech-inc.com



WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name: Jair Tank Battery  
Project Number: 04108-0136  
Project Manager: Vanessa Fields

Reported:  
04-May-15 15:51

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1518012 - Purge and Trap EPA 5030A</b>										
<b>Blank (1518012-BLK1)</b>				Prepared: 29-Apr-15 Analyzed: 30-Apr-15						
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.325		"	0.399		81.3	50-150			
<b>LCS (1518012-BS1)</b>				Prepared: 29-Apr-15 Analyzed: 30-Apr-15						
Gasoline Range Organics (C6-C10)	284	9.98	mg/kg	266		107	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.399		78.2	50-150			
<b>Matrix Spike (1518012-MS1)</b>				Source: P504077-01 Prepared: 29-Apr-15 Analyzed: 30-Apr-15						
Gasoline Range Organics (C6-C10)	280	9.98	mg/kg	266	ND	105	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.324		"	0.399		81.1	50-150			
<b>Matrix Spike Dup (1518012-MSD1)</b>				Source: P504077-01 Prepared: 29-Apr-15 Analyzed: 30-Apr-15						
Gasoline Range Organics (C6-C10)	278	9.98	mg/kg	266	ND	105	75-125	0.543	15	
Surrogate: 4-Bromochlorobenzene-FID	0.329		"	0.399		82.4	50-150			

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WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358	Project Name: Jair Tank Battery Project Number: 04108-0136 Project Manager: Vanessa Fields	Reported: 04-May-15 15:51
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### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1518016 - DRO Extraction EPA 3550M</b>										
<b>Blank (1518016-BLK1)</b>				Prepared & Analyzed: 30-Apr-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	39.2		"	40.0		98.1	50-200			
<b>LCS (1518016-BS1)</b>				Prepared & Analyzed: 30-Apr-15						
Diesel Range Organics (C10-C28)	743	25.0	mg/kg	499		149	38-132			SPK1
Surrogate: o-Terphenyl	46.7		"	39.9		117	50-200			
<b>Matrix Spike (1518016-MS1)</b>				Source: P504084-01		Prepared & Analyzed: 30-Apr-15				
Diesel Range Organics (C10-C28)	727	24.9	mg/kg	499	ND	146	38-132			SPK1
Surrogate: o-Terphenyl	48.8		"	39.9		122	50-200			
<b>Matrix Spike Dup (1518016-MSD1)</b>				Source: P504084-01		Prepared & Analyzed: 30-Apr-15				
Diesel Range Organics (C10-C28)	606	24.9	mg/kg	499	ND	121	38-132	18.1	20	
Surrogate: o-Terphenyl	41.0		"	39.9		103	50-200			

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WPX Energy, Inc.  
PO Box 21218  
Tulsa OK, 74121-1358

Project Name:      Jair Tank Battery  
Project Number:    04108-0136  
Project Manager:   Vanessa Fields

Reported:  
04-May-15 15:51

#### Notes and Definitions

SPK1      The spike recovery is outside of quality control limits:  
DET      Analyte DETECTED  
ND      Analyte NOT DETECTED at or above the reporting limit  
NR      Not Reported  
dry      Sample results reported on a dry weight basis  
RPD      Relative Percent Difference

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laboratory@envirotech-inc.com

# CHAIN OF CUSTODY RECORD

17442

Rush

Client: <b>WPX Energy</b>		Project Name / Location: <b>Seir Tank Battery</b>		ANALYSIS / PARAMETERS													
Email results to: <b>Vanessa Fields</b>		Sample Name: <b>Vanessa Fields</b>		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: <b>505-419-6219</b>		Client No.: <b>04108-0136</b>															

Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
#1 South Wall	4/29/15	1:30pm	P50406401	1402				X	X											✓	✓
#2 East Wall			02																		
#3 Southwest Wall			03																		
#4 North Wall			04																		
#5 North West Wall			05																		
#6 Bottom			06																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4/29/15	6:50pm		4/29/15	8:23
Relinquished by: (Signature)			Received by: (Signature)		
Sample Matrix					
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>					

☐ Sample(s) dropped off after hours to secure drop off area.



**envirotech**  
Analytical Laboratory

5.2 6.1 6.4

5.9

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**David R. Catanach, Division Director**  
Oil Conservation Division



**New Mexico Oil Conservation Division Approval and Conditions**  
**(C-144)**

Application Type:

- ☐ Temporary Pit    ☐ Multi-Well Fluid Management Pit  
☒ Below Grade Tank    ☒ Other: Remediation Plan

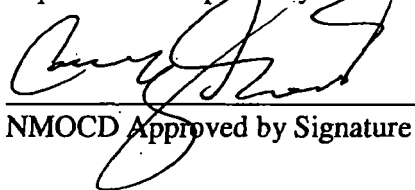
Site information:

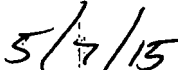
API WELL #	Well Name	Well #	Operator Name	Type	State	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-043-20080	JAIR	1	WPX ENERGY PRODUCTION, LLC	O	A	Sandoval	J	H	7	22	N	5	W

Conditions of Approval:

OCD has received WPX Remediation plan and request for alternative closure submitted on May 7, 2015. After review of the remediation plan OCD has approved WPX submitted remediation plan to spray potassium permanganate to the entirety of the excavation and close the excavation with alternative closure standards. Please include pictures of the application of potassium permanganate inside the BGT Closure report.

**Please note:** OCD Approval does not relieve WPX Energy from any additional requirements imposed by other regulatory agencies,

  
NMOCD Approved by Signature

  
Date



721. South Main Street  
Aztec, NM 87410

OIL CONS. DIV DIST. 3

MAY 07 2015

May 05, 2015

Corey Smith  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

Dear Mr. Smith

In reference to the Jair #001 API# 30-043-20080 BGT tank removal I have attached the analytical results from the sampling results from 4/30/2015. The East Wall and Bottom of the excavated area are above the closure standards.

WPX Energy has demonstrated they have removed contaminants to a practical extent. It has been determined that is not practical to have equipment enter the site due to the slope of the east wall to remove soil. There is approximately 30 x 20 feet of sandstone on the bottom of the affected area. Continuing digging of the area will further expose existing two inch production line pipe.

In lieu of additional excavation WPX Energy would like to apply potassium permanganate to the bottom and side walls of the excavated area. WPX Energy will hire a third party consultant to perform this work.

WPX Energy requests your approval to close out the following project with the proposed plan. Please let me know if you request any further information regarding this matter.

Thank you,

Vanessa Fields  
Environmental Specialist

Encl: /  
Envirotech's Analytical results  
Cc: /  
Environmental file.



## Watson, Debbie

---

**From:** Hobson Sandoval <hsandoval\_99@yahoo.com>  
**Sent:** Wednesday, May 20, 2015 10:32 AM  
**To:** Felix, Andrea  
**Cc:** Cordell Tecube; Kurt Sandoval; Bryce Hammond  
**Subject:** Re: WPX Permission to Perform Work: Jair #001 Remediation  
**Attachments:** 43-20080 Jair #1.pdf; Jair 001 Remediation PTPW.pdf

I have read WPX' request to do maintenance work on Jair 001 API 30-039-20080, located at Section 7, T22N, R5W.

WPX has excavated the contaminated soil but the lab values for the east wall and bottom are high for petroleum products. Jicarilla Apache Environmental Protection Office (EPO) agrees with WPX not to excavate further because the excavation hit bed rock. Instead, Potassium Permanganate can be sprayed to the contaminated sides as requested. Back fill can be obtained from the edges of a nearby water pond.

**WPX' request is hereby approved by EPO..** Let me know when you will begin the back fill and spray. if you have any questions, I can be contacted at 505-486-4966

On Tuesday, May 19, 2015 2:38 PM, "Felix, Andrea" <Andrea.Felix@wpxenergy.com> wrote:

Hi Hobson,

Please see below the email request to perform remediation work at the Jair #001. I know how full emails can get day to day, if you need anything else from me to process this request please let me know.

It is my understanding when you approve the remediation plan BIA will approve the permission to perform work request.

Thank you,

**Andrea Felix, RWA**  
Regulatory Specialist Sr.  
WPX Energy  
Office: 505-333-1849  
Cell: 505-386-8205  
**WPXENERGY**



---

**From:** Felix, Andrea  
**Sent:** Friday, May 08, 2015 7:10 AM  
**To:** 'Sandoval, Kurt'; 'hsandoval\_99@yahoo.com'; Marlana Reval; Deedra Mike  
**Cc:** Riley, Heather; VanDenBerg, Randy; guillermo.deherrera@jicarillaoga.com; Granillo, Lacey; Jaramillo, Marie; 'Mindy Paulek'; Lopez, Chris  
**Subject:** WPX Permission to Perform Work: Jair #001 Remediation  
**Importance:** High

Good morning,

**Kurt / Marlena / Deedra**- Please see the attached request for permission to perform remediation activities on the Jair #001 located in Section 7, T22N, R5W.

**Hobson**- Please see the attached OCD approval to remediate, remediation plan and soil test samples. Please advise if this meets your approval for remediation.

If you have any questions please feel free to contact me at 505-333-1849.

Thank you,

**Andrea Felix, RWA**  
Regulatory Specialist Sr.  
WPX Energy  
Office: 505-333-1849  
Cell: 505-386-8205





IN REPLY REFER TO:  
Branch of Real Estate Services

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
JICARILLA AGENCY  
P.O. BOX 167  
DULCE, NEW MEXICO 87528



MAY 22 2015

Ms. Andrea Felix  
WPX Energy Production, LLC  
P.O. Box 640  
Aztec, New Mexico 87410

Dear Ms. Felix:

This is in response to your request, dated **May 7, 2015**, for Permission to Perform Work (PTPW) on the following location, which is on Tribal Surface:

**Lease No. 424, Jair #1:**

Located in Section 7, Township 22 North, Range 5 West, N.M.P.M. Sandoval County, New Mexico (API No. 30-043-20080).

**Scope of Work:**

Apply potassium permanganate to side walls and bottom of affected excavated area on the above indicated location.

The Bureau of Indian Affairs, Jicarilla Agency, hereby grants WPX Energy Production, LLC and its contractors permission to perform work on the above indicated location. Please submit an affidavit of completion or final report when completed.

If you have any questions or concerns, please contact Mr. Kurt Sandoval, Realty Officer, at (575) 759-3936.

Sincerely,

Acting Superintendent

cc: Jicarilla Oil and Gas Administration



Jair #001 BGT Closure/Excavation  
Potassium Permanganate Application  
Photographs taken May 2015

