

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 August 8, 2011

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	Contact Deborah Watson	
Address PO Box 640	Telephone No. 505-333-1880	
Facility Name Rita Com #001	Facility Type Well Site	
Surface Owner Private	Mineral Owner Private	API No. 30-039-22884

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	9	23N	06W	1680	North	980	West	Rio Arriba

Latitude N36.241903 Longitude W107.480388

NATURE OF RELEASE

Type of Release: historic	Volume of Release unknown	Volume Recovered 0 bbls
Source of Release: unknown	Date and Hour of Occurrence unknown	Date and Hour of Discovery 4/28/16 9:00 hrs
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Katherina Diemer (BLM-FFO) Cory Smith (NMOCD) Vanessa Fields (NMOCD)	
By Whom? N/A	Date and Hour 4/28/16 via email	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

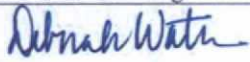
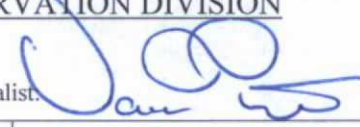
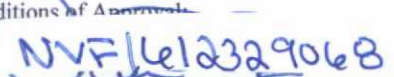
If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Historic contamination discovered during P&A activities.

Describe Area Affected and Cleanup Action Taken.*

- Historic contamination discovered below the former waste tank.
- Impacted soils were removed and disposed of at Envirotech landfarm.
- On May 19, 2016, five 5-point composite samples were collected from sidewalls and base of the excavation. The samples were analyzed for BTEX and TPH (GRO/DRO). A representative from NMOCD was present during sample collection.
- Confirmation sampling results were reported below NMOCD action levels. (Laboratory analytical report is included in enclosed final report.) WPX received approval backfill the location on June 1, 2016. No further action required.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Deborah Watson	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 8/12/2016	Expiration Date: /
E-mail Address: deborah.watson@wpxenergy.com	Conditions of Approval: 	Attached <input type="checkbox"/>
Date: 08/8/2016	Phone: 505-386-9693	

* Attach Additional Sheets If Necessary

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Rita Com #001 Historic Release Report
Unit Letter E, Section 9, Township 23N, Range 6W
Rio Arriba County, NM

August 8, 2016

1.0 Introduction

In April 2016, hydrocarbon impacted soils were discovered during plugging and abandonment (P&A) activities at the Rita Com #001, located in Section 9, Township 23N, Range 6W, Rio Arriba County, New Mexico. The impacted soils were located beneath the onsite aboveground waste tank. On April 27, 2016, hydrocarbon impacted soil and gravel was removed from the location.

A topographic map of the location is included as Figure 1 and an aerial site map is included as Figure 2.

2.0 Release Summary

Well Location: Rita Com #001

API #: 30-039-22884

Site Location Description: Unit Letter E, Section 9, Township 23N, Range 6W

Wellhead Latitude/Longitude: N36.241581, W107.4804688

Release Latitude/Longitude: N36.241903, W107.480388

Land Jurisdiction: Private

Agency Notification: New Mexico Oil Conservation Division (NMOCD)

Agency Notification Date(s): April 28, 2016

Source of Release: unknown

Release Contents: unknown

Volume Released: historic release

Volume Recovered: historic release

NMOCD Ranking: 10

3.0 Land Jurisdiction and Site Ranking

The referenced well and release is located on private land within Rio Arriba County, New Mexico.

In accordance with *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), this site was assigned a ranking score of 10. Based on a ranking score of 10, recommended remedial action levels (RRAL) for remediated soils at the site are as follows: 10 mg/kg benzene, 50 mg/kg total benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 1,000 mg/kg total petroleum hydrocarbons (TPH).

Depth to groundwater at the site is estimated to be 116 feet below ground surface (bgs) based on the April 2015 ground bed drilling log for the NE Chaco Com #199H which recorded depth to water at 86 feet bgs. The NE Chaco Com #199H is located 1.1 miles SW and approximately 30 feet lower in elevation than the location.

A review was completed of the New Mexico Office of the State Engineer Online New Mexico Water Rights Reporting System and no water wells were identified within a 1,000 feet radius of the location.

An unnamed arroyo is located approximately 425 feet SW from the impacted area. The wash in Haynes Canyon is located approximately 1,590 feet southeast of the location, and the wash in Escrito Canyon is located approximately 2,030 feet northwest of the location.

4.0 Field Activities

During P&A activities at the location impacted soil was discovered below the aboveground waste tank. On April 27, 2016, the impacted soils were excavated. Approximately 298 cubic yards of hydrocarbon impacted soils were removed from an area of excavation measuring approximately 25 feet x 28 feet x 8 feet deep. Sample locations are included as Figure 3. A copy of the executed C-138 Solid Waste Acceptance Form is attached.

5.0 Soil Sampling

On May 19, 2016, five confirmation soil samples (SC-1 through SC-5) were collected from the sidewalls and base of the excavation. Ms. Vanessa Fields, NMOCD, was present during collection of the confirmation samples. Soil samples composited for laboratory analysis were placed into laboratory supplied glassware, labeled, and shipped on ice to Hall Environmental Analysis Laboratory. Each sample was analyzed for the following:

- BTEX per U.S. Environmental Protection Agency (USEPA) Method 8021B, and
- TPH (GRO/DRO) per USEPA Method 8015D, and

The analytical laboratory report is attached.

6.0 Analytical Results

Laboratory analytical results for soil confirmation samples (SC-1 through SC-5) reported benzene and BTEX concentrations below NMOCD RRAL of 10 mg/kg and 50 mg/kg, respectively. All soil confirmation samples reported TPH concentrations below the NMOCD RRAL of 1,000 mg/kg. Laboratory analytical results are summarized on Figure 3.

7.0 Conclusions

Historic contamination was discovered during P&A activities at the Rita Com #001 located in Section 9, Township 23N, Range 6W, Rio Arriba County, New Mexico. Cleanup consisted of removal of approximately 298 cubic yards of impacted soils from the location. Confirmation samples were collected from the sidewalls and base of excavation which measured approximately 25 feet x 28 feet by 8 feet in depth. Laboratory analytical results for soil confirmation samples (SC-1 through SC-5) reported benzene, total BTEX, and total TPH (GRO/DRO) concentrations below the NMOCD RRAL. On June 1, 2016, WPX received permission from NMOCD to backfill the location. Based on laboratory analytical results of the confirmation soil samples, no further work is recommended.

For additional information or questions regarding site conditions, please contact me at 505-333-1880.

Sincerely,



Deborah Watson
Environmental Specialist

Rita #001 Historic Release Report
April 2016

Attachments

Figure 1. Topographic Map

Figure 2. Aerial Site Map

Figure 3. Soil Analytical Map

Hall Analytical Laboratory Report (Order #1605975)

Executed Certificate of Waste

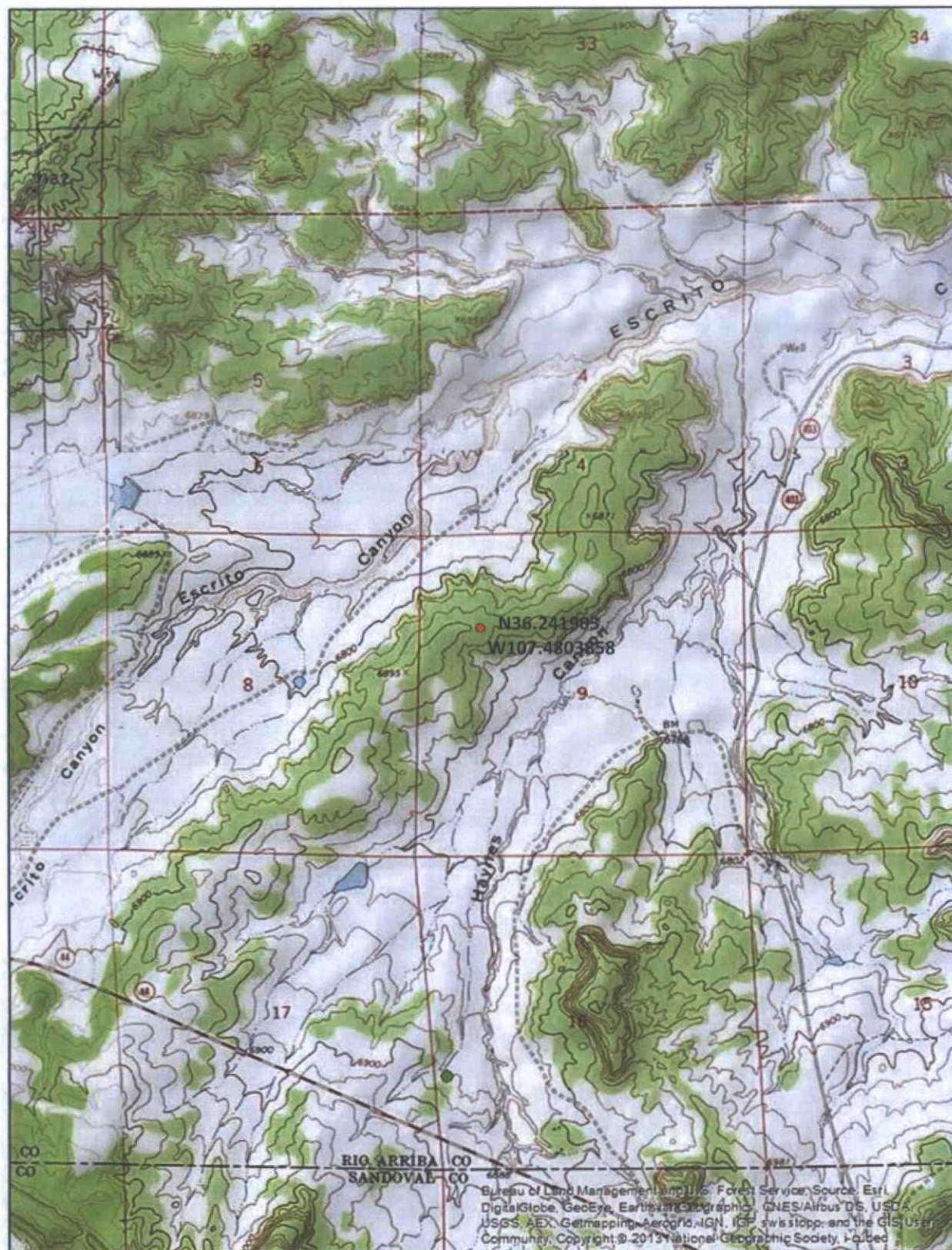


Figure 1. Topographic Map
Rita Com #001
Section 9, Township 23N, Range 06W
N36.241581, W107.480468
Rio Arriba County, NM
Scale 1:24,000

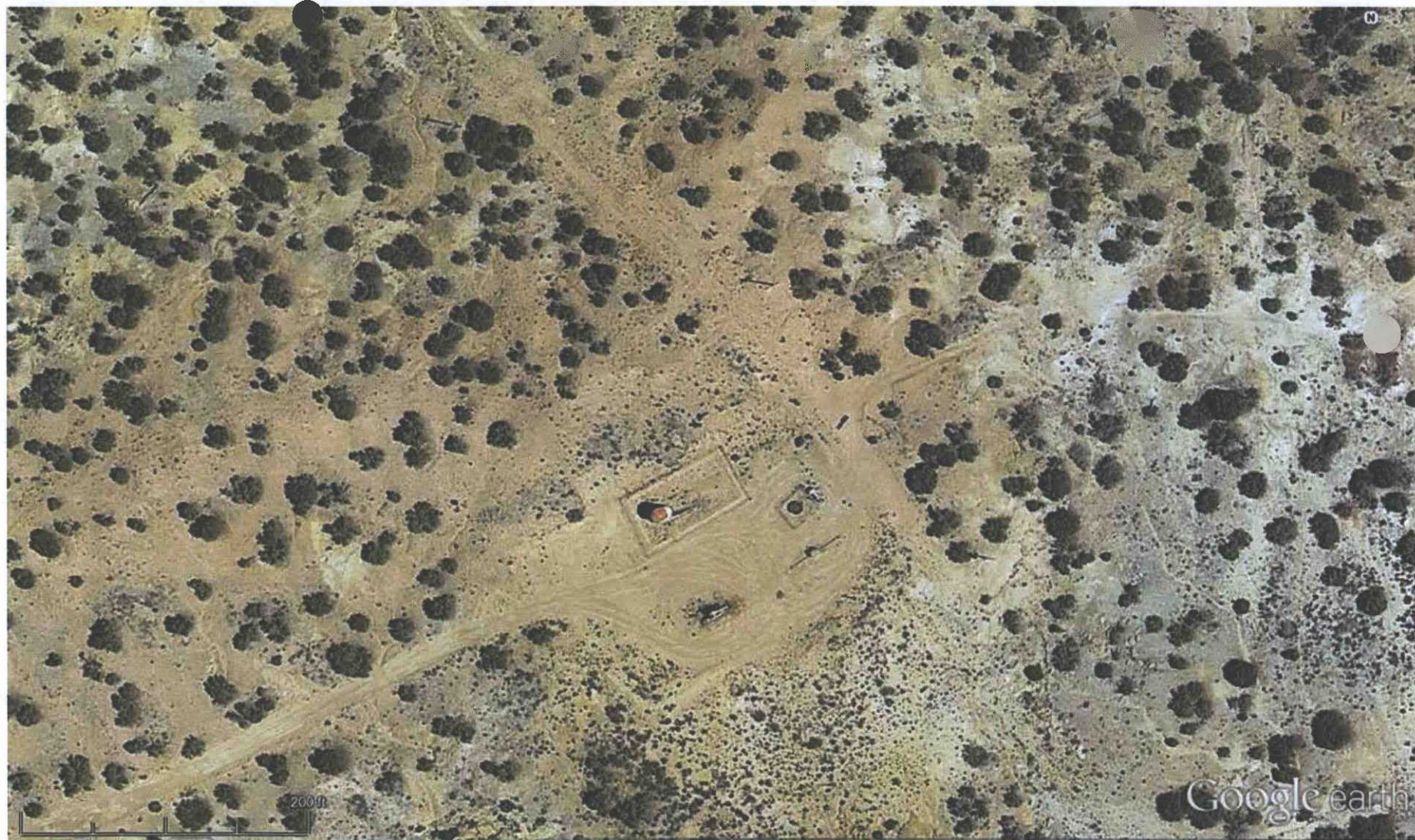


Figure 2. Aerial Site Map
Rita Com #001

Section 9, Township 23N, Range 06W
N36.241581, W107.4804688
Rio Arriba County, NM

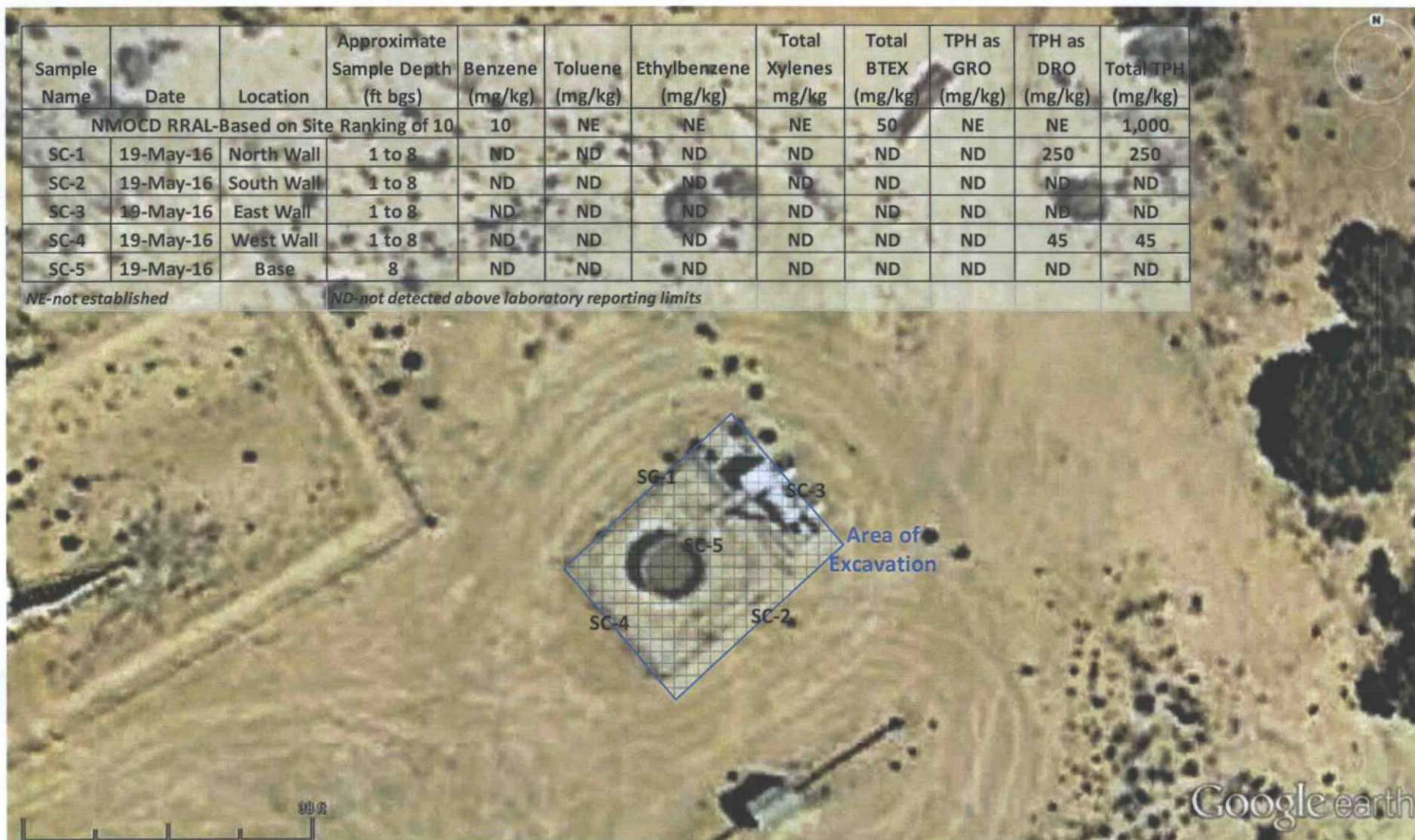


Figure 3. Soil Analytical Map
Rita Com #001
 Section 9, Township 23N, Range 06W
 N36.241581, W107.4804688
 Rio Arriba County, NM



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 31, 2016

Debbie Watson
WPX Energy
721 S Main Ave
Aztec, NM 87410
TEL: (505) 333-1880
FAX

RE: Rita Com 001

OrderNo.: 1605975

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 5 sample(s) on 5/20/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1605975

Date Reported: 5/31/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WPX Energy

Client Sample ID: SC-1

Project: Rita Com 001

Collection Date: ~~5/18/2016~~ 5/19/15 11:40:00 AM

Lab ID: 1605975-001

Matrix: SOIL

Received Date: 5/20/2016 8:00:00 AM

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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	250	93		mg/Kg	10	5/27/2016 3:58:01 AM	25467
Surr: DNOP	0	70-130	S	%Rec	10	5/27/2016 3:58:01 AM	25467
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/24/2016 2:05:52 PM	25439
Surr: BFB	109	80-120		%Rec	1	5/24/2016 2:05:52 PM	25439
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/24/2016 2:05:52 PM	25439
Toluene	ND	0.048		mg/Kg	1	5/24/2016 2:05:52 PM	25439
Ethylbenzene	ND	0.048		mg/Kg	1	5/24/2016 2:05:52 PM	25439
Xylenes, Total	ND	0.096		mg/Kg	1	5/24/2016 2:05:52 PM	25439
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	5/24/2016 2:05:52 PM	25439

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1605975

Date Reported: 5/31/2016

CLIENT: WPX Energy

Client Sample ID: SC-2

Project: Rita Com 001

Collection Date: ~~5/18/2016~~ 5/19/2016 11:43:00 AM

Lab ID: 1605975-002

Matrix: SOIL

Received Date: 5/20/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/27/2016 4:25:20 AM	25467
Surr: DNOP	82.4	70-130		%Rec	1	5/27/2016 4:25:20 AM	25467
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/24/2016 8:45:44 PM	25439
Surr: BFB	109	80-120		%Rec	1	5/24/2016 8:45:44 PM	25439
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	5/24/2016 8:45:44 PM	25439
Toluene	ND	0.050		mg/Kg	1	5/24/2016 8:45:44 PM	25439
Ethylbenzene	ND	0.050		mg/Kg	1	5/24/2016 8:45:44 PM	25439
Xylenes, Total	ND	0.099		mg/Kg	1	5/24/2016 8:45:44 PM	25439
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	1	5/24/2016 8:45:44 PM	25439

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1605975

Date Reported: 5/31/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WPX Energy

Client Sample ID: SC-3

Project: Rita Com 001

Collection Date: 5/18/2016 5/19/2016 11:46:00 AM

Lab ID: 1605975-003

Matrix: SOIL

Received Date: 5/20/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/27/2016 4:52:16 AM	25467
Surr: DNOP	92.8	70-130		%Rec	1	5/27/2016 4:52:16 AM	25467
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/24/2016 9:09:13 PM	25439
Surr: BFB	106	80-120		%Rec	1	5/24/2016 9:09:13 PM	25439
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/24/2016 9:09:13 PM	25439
Toluene	ND	0.048		mg/Kg	1	5/24/2016 9:09:13 PM	25439
Ethylbenzene	ND	0.048		mg/Kg	1	5/24/2016 9:09:13 PM	25439
Xylenes, Total	ND	0.096		mg/Kg	1	5/24/2016 9:09:13 PM	25439
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	5/24/2016 9:09:13 PM	25439

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1605975

Date Reported: 5/31/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: WPX Energy

Client Sample ID: SC-4

Project: Rita Com 001

Collection Date: ~~5/18/2016~~ 5/19/2016 11:50:00 AM

Lab ID: 1605975-004

Matrix: SOIL

Received Date: 5/20/2016 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	45	9.3		mg/Kg	1	5/27/2016 3:00:33 PM	25467
Surr: DNOP	83.7	70-130		%Rec	1	5/27/2016 3:00:33 PM	25467
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/24/2016 9:32:44 PM	25439
Surr: BFB	108	80-120		%Rec	1	5/24/2016 9:32:44 PM	25439
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	5/24/2016 9:32:44 PM	25439
Toluene	ND	0.049		mg/Kg	1	5/24/2016 9:32:44 PM	25439
Ethylbenzene	ND	0.049		mg/Kg	1	5/24/2016 9:32:44 PM	25439
Xylenes, Total	ND	0.097		mg/Kg	1	5/24/2016 9:32:44 PM	25439
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	5/24/2016 9:32:44 PM	25439

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified