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 October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company **Williams Production**	Contact **Michael K. Lane**
Address **PO Box 640**	Telephone No. **505-634-4219**
Facility Name **Cox Canyon #001A (API: 30-045-22086)**	Facility Type **Well Site**

Surface Owner **BLM**	Mineral Owner **BLM**	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	**16**	**32 N**	**11W**					**San Juan**

Latitude 36.99008 **Longitude** -107.99759

DIST. 3
OIL CONS. DIV.
RCVD JUL 9 '10

NATURE OF RELEASE

Type of Release **Dissolved Phase Hydrocarbons in Produced Water**	Volume of Release **UNK**	Volume Recovered
Source of Release **Below-grade Tank**	Date and Hour of Occurrence **UNK**	Date and Hour of Discovery **During BGT Closure**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? **Brandon Powell-NMOCD (email)**	
By Whom? **Myke Lane**	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.

Describe Cause of Problem and Remedial Action Taken.
Lab results from BGT closure indicated historic release occurred. No visual evidence of spill observed at time of tank removal. Impacted soils excavated and taken to offsite commercial landfarm. Confirmation samples taken following excavation and removal following Spill Rule. Pit area to be reclaimed following approved Pit Closure Plan. Composite sample results and site map attached.

Describe Area Affected and Cleanup Action Taken.

Criteria	Site Condition	Ranking Score
Depth to Groundwater	50-100 (Cathodic - 60 ft BGS)	10
Wellhead Protection Area	None	0
Surface Water Body	>1000 ft	0
Total Ranking		10
Lab	**Results**	**Remediation Action Level**
Benzene (ppb)	<0.9	10,000
BTEX (ppb)	158	50,000
TPH by EPA - 418.1 (ppm)	412	1000
Cl (ppm)	5	--

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: [signature]

Printed Name: Michael K. Lane

Title: SJB EH&S Specialist

E-mail Address: myke.lane@williams.com

Date: 7/6/10 Phone: (505) 330-3198

OIL CONSERVATION DIVISION

Approved by District Supervisor: [signature] For: CP

Approval Date: 9/22/10 Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

nBP1026531322

10

Cox Canyon #1A

Rectifier

AREA EXCAVATED FOR BGT REMOVAL TO ~8 Ft. BELOW SITE GRADE. 5PT COMPOSITE COLLECTED FOLLOWING EXCAVATION & CONTAMINATED SOIL REMOVAL.

Fiberglass Pit

Tank

meter house

~~Dehydrator~~ Seperator

N E S W

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	WPX	Project #:	04108-0136
Sample ID:	Cox Canyon #1A	Date Reported:	06-28-10
Laboratory Number:	54868	Date Sampled:	06-22-10
Chain of Custody No:	9432	Date Received:	06-24-10
Sample Matrix:	Soil	Date Extracted:	06-24-10
Preservative:		Date Analyzed:	06-25-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**238**	**0.2**
Diesel Range (C10 - C28)	**138**	**0.1**
Total Petroleum Hydrocarbons	**376**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Cox Canyon #1A**

Analyst

Review

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-25-10 QA/QC	Date Reported:	06-28-10
Laboratory Number:	54828	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-25-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	9.9960E+002	1.0000E+003	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**393**	**392**	**0.3%**	**0 - 30%**
Diesel Range C10 - C28	**437**	**447**	**2.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**393**	**250**	**649**	**101%**	**75 - 125%**
Diesel Range C10 - C28	**437**	**250**	**686**	**100%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 54785-54787; 54828-54830; 54850; 54854-54855 & 54868**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	WPX	Project #:	04108-0136
Sample ID:	Cox Canyon #1A	Date Reported:	06-28-10
Laboratory Number:	54868	Date Sampled:	06-22-10
Chain of Custody:	8432	Date Received:	06-24-10
Sample Matrix:	Soil	Date Analyzed:	06-25-10
Preservative:		Date Extracted:	06-24-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**10.7**	**1.0**
Ethylbenzene	**8.3**	**1.0**
p,m-Xylene	**99.6**	**1.2**
o-Xylene	**39.6**	**0.9**
Total BTEX	**158**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	Bromochlorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Cox Canyon #1A**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0625BBLK QA/QC	Date Reported:	06-28-10
Laboratory Number:	54854	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-25-10
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.4619E+006	1.4648E+006	0.2%	ND	0.1
Toluene	1.3371E+006	1.3398E+006	0.2%	ND	0.1
Ethylbenzene	1.2048E+006	1.2072E+006	0.2%	ND	0.1
p,m-Xylene	3.0291E+006	3.0351E+006	0.2%	ND	0.1
o-Xylene	1.1249E+006	1.1272E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	142	149	4.7%	0 - 30%	0.9
Toluene	2.7	3.0	11.1%	0 - 30%	1.0
Ethylbenzene	1.5	1.7	13.3%	0 - 30%	1.0
p,m-Xylene	2.5	3.0	20.0%	0 - 30%	1.2
o-Xylene	4.3	5.5	27.9%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	142	50.0	187	97.4%	39 - 150
Toluene	2.7	50.0	50.8	96.3%	46 - 148
Ethylbenzene	1.5	50.0	50.2	97.5%	32 - 160
p,m-Xylene	2.5	100	98.6	96.2%	46 - 148
o-Xylene	4.3	50.0	49.4	91.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 54828-54830; 54850; 54854; 54861; 54868 & 54785

Analyst

Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	WPX	Project #:	04108-0136
Sample ID:	Cox Canyon #1A	Date Reported:	06-28-10
Laboratory Number:	54868	Date Sampled:	06-22-10
Chain of Custody No:	9432	Date Received:	06-24-10
Sample Matrix:	Soil	Date Extracted:	06-24-10
Preservative:		Date Analyzed:	06-24-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**412**	**10.8**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Analyst

Review

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EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-28-10
Laboratory Number:	06-25-TPH.QA/QC 54868	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-25-10
Preservative:	N/A	Date Extracted:	06-25-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-03-10	06-25-10	1,686	1,770	5.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	10.8

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	412	398	3.3%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	412	2,000	2,090	86.7%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 54854 &54868**

Analyst

Review

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Chloride

Client:	WPX	Project #:	04108-0136
Sample ID:	Cox Canyon #1A	Date Reported:	06-28-10
Lab ID#:	54868	Date Sampled:	06-22-10
Sample Matrix:	Soil	Date Received:	06-24-10
Preservative:		Date Analyzed:	06-25-10
Condition:	Intact	Chain of Custody:	9432

Parameter	Concentration (mg/Kg)
Total Chloride	5

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Analyst

Review

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New Mexico

CHAIN OF CUSTODY RECORD

09432

Client: WPX

Project Name / Location: Cox Canyon #1A

Client Address: Mike Lane

Sampler Name: Dave Smedley

Client Phone No.: 634-4249

Client No.: 04108-0136

ANALYSIS / PARAMETERS — Rush

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Cox Canyon #1A	6/22/10	12:00	54868	(Soil circled) Soil Solid Sludge Aqueous	1				X	X							X	X			N	Y
				Soil Solid Sludge Aqueous																	Not headspace free for 8021 TIG	
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
				Soil Solid Sludge Aqueous																		
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				Soil Solid Sludge Aqueous																		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6-24-10	3:56	[signature]	6/24/10	3:56pm
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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