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 #008 (API: 30-045-11492)**	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
I	**8**	**32 N**	**11W**					**San Juan**

Latitude 36.99630 **Longitude** -108.00801

NATURE OF RELEASE

Type of Release **Produced Water w/dissolved hydrocarbons**	Volume of Release **UNK**	Volume Recovered **UNK**
Source of Release **buried fiberglass tank**	Date and Hour of Occurrence **5/4/09**	Date and Hour of Discovery **Same**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RECEIVED
JUN 2009
OIL CONS. DIV. DIST. 3

If a Watercourse was Impacted, Describe Fully.

Describe Cause of Problem and Remedial Action Taken.
Historic leakage or overfill of pit. Fiberglass pit removed and retrofitted to steel double-wall/bottom tank.

Describe Area Affected and Cleanup Action Taken.
See actions taken above. Based on sighting and depth to water site low risk ranking with spill closure standards of TPH <5000 ppm, BTEX <50ppm, Benzene < 10ppm, and Chlorides < 1000ppm. Lab results from excavation attached.

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: **Michael K. Lane**	Approved by District Supervisor: Jonathan D. Kelly
Title: **SJB EH&S Specialist**	Approval Date: 6/14/2012 Expiration Date:
E-mail Address **myke.lane@williams.com**	Conditions of Approval: Attached ☐
Date: **6/10/09** Phone: **(505) 330-3198**	

* Attach Additional Sheets If Necessary

nJK1215640457

6/12/2009

10

Lane, Myke (E&P)

From: Lane, Myke
Sent: Friday, April 24, 2009 10:59 AM
To: Powell, Brandon, EMNRD
Subject: Pit Closure Notice

Brandon:

Williams has tentatively scheduled initiation of closure for the following pits next week:

WELLSITE	API	FMT	SEC	TWN	RNG
COX CYN #008	3004511492	BLANCO MV	8 I	32N	11W
COX CYN #013	3004521489	PICTURE CLIFFS	20 A	32N	11W
Rosa #017A	3003926272	BLANCO MV	20 O	31N	05W
ROSA UNIT #079	3003922539	DAKOTA	22K	31N	06W

Please contact me if there are any problems or you request additional information. Thanks for your consideration

Michael K. (Myke) Lane, PE
EH&S Team Leader - San Juan Basin Operations
721 S. Main/PO Box 640, Aztec, NM 87410
(505) 634-4219(off); -4205(fax); 330-3198(cell)

"The problems we face cannot be resolved at the same level of thinking as that which gave rise to them!"---shared with me by Brent Hale

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	WPX	Project #:	04108-0003
Sample ID.	BGT Exc. @ 12'	Date Reported:	05-06-09
Laboratory Number:	49904	Date Sampled:	05-04-09
Chain of Custody No:	6975	Date Received:	05-04-09
Sample Matrix:	Soil	Date Extracted:	05-04-09
Preservative:	Cool	Date Analyzed:	05-05-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**291**	**0.2**
Diesel Range (C10 - C28)	**505**	**0.1**
Total Petroleum Hydrocarbons	**796**	**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 Cyn #8**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

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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:	05-05-09 QA/QC	Date Reported:	05-06-09
Laboratory Number:	49904	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received.	N/A
Preservative:	N/A	Date Analyzed	05-05-09
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	**291**	**277**	**4.7%**	**0 - 30%**
Diesel Range C10 - C28	**505**	**486**	**3.8%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**291**	**250**	**535**	**98.9%**	**75 - 125%**
Diesel Range C10 - C28	**505**	**250**	**732**	**97.0%**	**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 Sample 49904.**

Analyst

Review

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	WPX	Project #	04108-0003
Sample ID:	BGT Exc. @ 12'	Date Reported:	05-06-09
Laboratory Number:	49904	Date Sampled:	05-04-09
Chain of Custody:	6975	Date Received.	05-04-09
Sample Matrix:	Soil	Date Analyzed:	05-05-09
Preservative:	Cool	Date Extracted:	05-04-09
Condition:	Intact	Analysis Requested.	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**47.5**	**1.0**
Ethylbenzene	**240**	**1.0**
p,m-Xylene	**4,900**	**1.2**
o-Xylene	**1,180**	**0.9**
Total BTEX	**6,370**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**96.0 %**
	1,4-difluorobenzene	**96.0 %**
	Bromochlorobenzene	**96.0 %**

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 Cyn #8**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID:	05-05-BT QA/QC	Date Reported:	05-06-09
Laboratory Number:	49904	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-05-09
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	3.1444E+006	3.1507E+006	0.2%	ND	0.1
Toluene	1.9811E+006	1.9851E+006	0.2%	ND	0.1
Ethylbenzene	1.4761E+006	1.4791E+006	0.2%	ND	0.1
p,m-Xylene	3.2032E+006	3.2097E+006	0.2%	ND	0.1
o-Xylene	1.2983E+006	1.3009E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	47.5	43.1	9.3%	0 - 30%	1.0
Ethylbenzene	240	228	5.2%	0 - 30%	1.0
p,m-Xylene	4,900	4,860	0.8%	0 - 30%	1.2
o-Xylene	1,180	1,160	1.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	48.7	97.4%	39 - 150
Toluene	47.5	50.0	93.0	95.4%	46 - 148
Ethylbenzene	240	50.0	287	98.9%	32 - 160
p,m-Xylene	4,900	100	5,040	101%	46 - 148
o-Xylene	1,180	50.0	1,210	98.4%	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 Sample 49904.**

Analyst

Review

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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	WPX	Project #:	04108-0003
Sample ID:	BGT Exc. @ 12'	Date Reported:	05-06-09
Laboratory Number:	49904	Date Sampled:	05-04-09
Chain of Custody No:	6975	Date Received:	05-04-09
Sample Matrix:	Soil	Date Extracted:	05-04-09
Preservative:	Cool	Date Analyzed.	05-04-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**3,040**	**11.6**

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: **Cox Cyn. #8.**

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.	05-06-09
Laboratory Number:	05-04-TPH.QA/QC 49841	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	05-04-09
Preservative:	N/A	Date Extracted:	05-04-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	05-01-09	05-04-09	1,620	1,750	8.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	11.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	20.7	19.4	6.3%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	20.7	2,000	1,810	89.6%	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 49840 - 49843, 49859, 49865, 49878, 49883, 49904, and 49905.**

Analyst

Review

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Chloride

Client.	WPX	Project #:	04108-0003
Sample ID:	BGT Exc. @ 12'	Date Reported:	05-06-09
Lab ID#:	49904	Date Sampled:	05-04-09
Sample Matrix.	Soil	Date Received:	05-04-09
Preservative:	Cool	Date Analyzed:	05-05-09
Condition:	Intact	Chain of Custody:	6975

Parameter	Concentration (mg/Kg)
Total Chloride	**6**

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: **Cox Cyn. #8.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6975 (Rush)

Client: WPX	Project Name / Location: Cox Cyn #8
Client Address:	Sampler Name: Myke Lane
Client Phone No.:	Client No.: 04108-0003

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl₂	Preservative HCl	Preservative	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
BGT Exc @ 12'	5/4	1325	49904	~~Soil~~ Sludge Solid Aqueous	1			✓	✓	✓							✓	✓				✓	✓
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
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				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	5/4	1445	[signature]	5/4/09	1445
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RUSH

ENVIROTECH INC.

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