

**3R-1003**

**Release Report/ General  
Correspondence**

**Date  
May 2008**

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 <b>Williams Production</b>	Contact <b>Michael K. Lane</b> <input type="checkbox"/>
Address <b>PO Box 640</b>	Telephone No. <b>505-634-4219</b> <input type="checkbox"/>
Facility Name <b>Rosa #094</b>	Facility Type <b>Well Site</b> <input type="checkbox"/>

Surface Owner <b>USFS</b>	Mineral Owner <b>BLM</b>	Lease No. <input type="checkbox"/>
---------------------------	--------------------------	------------------------------------

API # 30-039-23035-00-00

**LOCATION OF RELEASE**

Unit Letter <b>K</b>	Section <b>16</b>	Township <b>31 N</b>	Range <b>05W</b>	Feet from the	North/South Line	Feet from the	East/West Line	County <b>Rio Arriba</b> <input type="checkbox"/>
-------------------------	----------------------	-------------------------	---------------------	---------------	------------------	---------------	----------------	--

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release <b>Produced Water</b>	Volume of Release <b>~35 bbl</b>	Volume Recovered <b>&lt;5 bbl</b>
Source of Release <b>Produced Water Tank</b>	Date and Hour of Occurrence <b>&lt;4/28/08 13:00 PM</b>	Date and Hour of Discovery <b>Same</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>JJ Miller, USFS - phone message</b>	
By Whom? <b>Myke Lane</b>	Date and Hour <b>060 4/29/08<sup>BP</sup></b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

REC'D MAY 3 2008  
OIL CONSERV. DIV.

If a Watercourse was Impacted, Describe Fully.

Describe Cause of Problem and Remedial Action Taken.  
**Water hauler left load valve to injection well tank battery cracked open and did not install plug as secondary precaution. Upon discovery valve closed, notification made and drain plug installed.**

Describe Area Affected and Cleanup Action Taken.  
**Water leaked from valve and ran off location along borrow ditch to cattleguard where water was trapped. Approximately 650 sf of soil impacted. Impacted soils removed from drainage ditch and cattle guard. Operations has met with Water Hauler's pushers to once again remind them that use of plugs on drain line mandatory at all times following pickup or dumping. See attached diagram and lab samples taken 4/29/08 during soil cleanup and 5/1/08 following cleanup.**

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: <b>Michael K. Lane</b>	Approved by District Supervisor: 	For: <b>Charlie Perrin</b>
Title: <b>SJB EH&amp;S Specialist</b>	Approval Date: <b>5-9-08</b>	Expiration Date:
E-mail Address: <b>myke.lane@williams.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>5/6/08</b> Phone: <b>(505) 330-3198</b>		

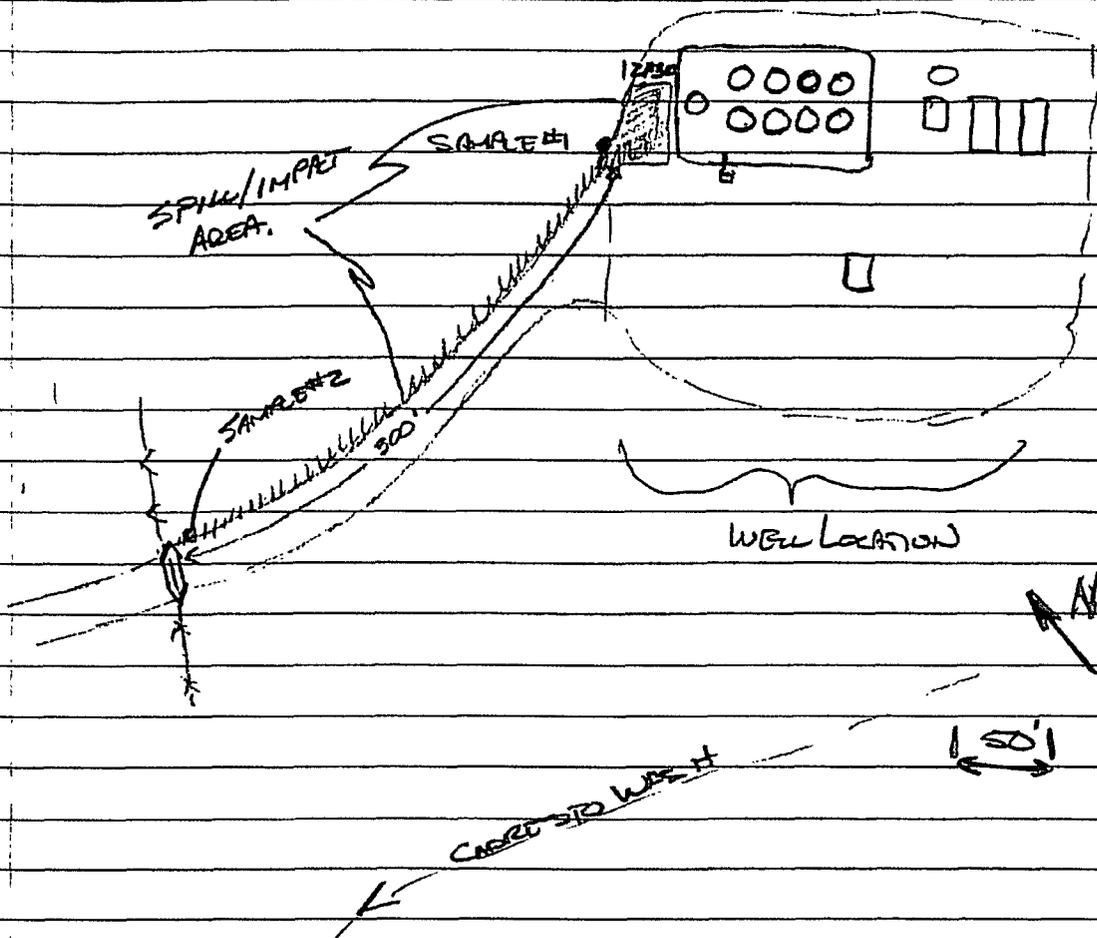
\* Attach Additional Sheets If Necessary

Incident # nBP0813632347  
3RP # 1003

8/1/08

Row A 94

1 USPT FARMER SPILL AREA TRIPLED OF LOOSELY  
 CATTLE GROUND NEXT LOCATION, BARROW DITCH &  
 300' FROM PAD @ PAD 12X25 AREA.  
 2 - SAMPLES OF SATURATED SOIL @ PAD @ CATTLE



**ENVIROTECH LABS****PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	Williams Prod.	Project #:	04108-003
Sample ID:	On Location	Date Reported:	05-05-08
Laboratory Number:	45235	Date Sampled:	04-29-08
Chain of Custody No:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

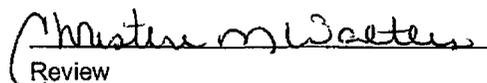
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Rosa #94**

Analyst



Review



**ENVIROTECH LABS****PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	Williams Prod.	Project #:	04108-003
Sample ID:	Cattle Guard	Date Reported:	05-05-08
Laboratory Number:	45236	Date Sampled:	04-29-08
Chain of Custody No:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Intact	Analysis Requested:	8015 TPH

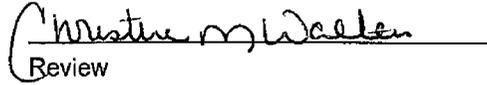
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Rosa #94**

  
Analyst

  
Review

**ENVIROTECH LABS****PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	Williams Prod.	Project #:	04108-003
Sample ID:	End	Date Reported:	05-05-08
Laboratory Number:	45237	Date Sampled:	04-29-08
Chain of Custody No:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Intact	Analysis Requested:	8015 TPH

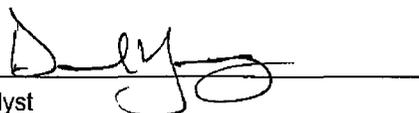
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
<b>Gasoline Range (C5 - C10)</b>	<b>ND</b>	<b>0.2</b>
<b>Diesel Range (C10 - C28)</b>	<b>ND</b>	<b>0.1</b>
<b>Total Petroleum Hydrocarbons</b>	<b>ND</b>	<b>0.2</b>

ND - Parameter not detected at the stated detection limit.

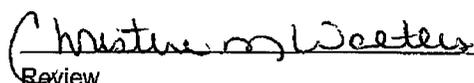
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Rosa #94**

Analyst



Review



# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

Client:	Williams Prod	Project #:	04108-0003
Sample ID:	On Location	Date Reported:	05-05-08
Laboratory Number:	45235	Date Sampled:	04-29-08
Chain of Custody:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	04-30-08
Preservative:	Cool	Date Analyzed:	04-30-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	4.98	mmhos/cm
Calcium	4.8	mg/Kg
Magnesium	<0.1	mg/Kg
Sodium	860	mg/Kg
Sodium Absorption Ratio (SAR)	108	ratio
Chloride	1,180	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **Rosa 94.**

\_\_\_\_\_  
Analyst

*Christine M. Wailes*  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

Client:	Williams Prod	Project #:	04108-0003
Sample ID:	Cattle Guard	Date Reported:	05-05-08
Laboratory Number:	45236	Date Sampled:	04-29-08
Chain of Custody:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	04-30-08
Preservative:	Cool	Date Analyzed:	04-30-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	1.88	mmhos/cm
Calcium	37.6	mg/Kg
Magnesium	<0.1	mg/Kg
Sodium	447	mg/Kg
Sodium Absorption Ratio (SAR)	20.0	ratio
Chloride	340	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **Rosa 94.**

\_\_\_\_\_  
Analyst

*Christine M. Wadden*  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

Client:	Williams Prod	Project #:	04108-0003
Sample ID:	End	Date Reported:	05-05-08
Laboratory Number:	45237	Date Sampled:	04-29-08
Chain of Custody:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	04-30-08
Preservative:	Cool	Date Analyzed:	04-30-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	0.541	mmhos/cm
Calcium	36.0	mg/Kg
Magnesium	<0.1	mg/Kg
Sodium	111	mg/Kg
Sodium Absorption Ratio (SAR)	5.1	ratio
Chloride	138	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: Rosa 94.

\_\_\_\_\_  
Analyst

*Christina M. Walter*  
Review

# ENVIROTECH LABS

**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

Client:	Williams Prod	Project #:	04108-0003
Sample ID:	Clean Dirt	Date Reported:	05-05-08
Laboratory Number:	45238	Date Sampled:	04-29-08
Chain of Custody:	4290	Date Received:	04-30-08
Sample Matrix:	Soil	Date Extracted:	04-30-08
Preservative:	Cool	Date Analyzed:	04-30-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	0.126	mmhos/cm
Calcium	12.5	mg/Kg
Magnesium	0.59	mg/Kg
Sodium	33.8	mg/Kg
Sodium Absorption Ratio (SAR)	2.5	ratio
Chloride	28.0	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **Rosa 94.**

\_\_\_\_\_  
Analyst

*Christine M. Wacker*  
Review

**ENVIROTECH LABS****PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	Williams Prod.	Project #:	04108-003
Sample ID:	Well Pad	Date Reported:	05-05-08
Laboratory Number:	45249	Date Sampled:	05-01-08
Chain of Custody No:	4314	Date Received:	05-01-08
Sample Matrix:	Soil	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Intact	Analysis Requested:	8015 TPH

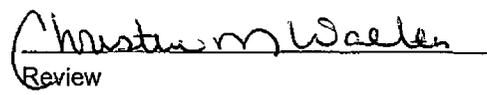
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
<b>Gasoline Range (C5 - C10)</b>	<b>ND</b>	<b>0.2</b>
<b>Diesel Range (C10 - C28)</b>	<b>ND</b>	<b>0.1</b>
<b>Total Petroleum Hydrocarbons</b>	<b>ND</b>	<b>0.2</b>

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: **Rosa 94 - Spill**

  
Analyst

  
Review

**ENVIROTECH LABS****PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	Williams Prod.	Project #:	04108-003
Sample ID:	@ Cattleguard	Date Reported:	05-05-08
Laboratory Number:	45250	Date Sampled:	05-01-08
Chain of Custody No:	4314	Date Received:	05-01-08
Sample Matrix:	Soil	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	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: **Rosa 94 - Spill**

  
Analyst

  
Review

# ENVIROTECH LABS

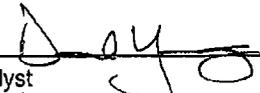
**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

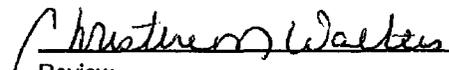
Client:	Williams Prod	Project #:	04108-0003
Sample ID:	Well Pad	Date Reported:	05-05-08
Laboratory Number:	45249	Date Sampled:	05-01-08
Chain of Custody:	4314	Date Received:	05-01-08
Sample Matrix:	Mud	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	0.818	mmhos/cm
Calcium	16.0	mg/Kg
Magnesium	<0.1	mg/Kg
Sodium	35.8	mg/Kg
Sodium Absorption Ratio (SAR)	2.5	ratio
Chloride	248	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: **Rosa 94 - Spill.**

  
Analyst

  
Review

# ENVIROTECH LABS

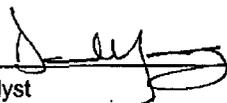
**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EC, SAR, CI Analysis**

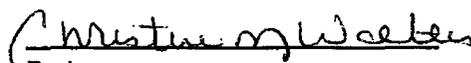
Client:	Williams Prod	Project #:	04108-0003
Sample ID:	@ Cattleguard	Date Reported:	05-05-08
Laboratory Number:	45250	Date Sampled:	05-01-08
Chain of Custody:	4314	Date Received:	05-01-08
Sample Matrix:	Mud	Date Extracted:	05-01-08
Preservative:	Cool	Date Analyzed:	05-02-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	1.14	mmhos/cm
Calcium	47.2	mg/Kg
Magnesium	3.91	mg/Kg
Sodium	70.7	mg/Kg
Sodium Absorption Ratio (SAR)	2.7	ratio
Chloride	180	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: Rosa 94 - Spill.

  
Analyst

  
Review