

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

Form C-144  
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.  
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or  
Proposed Alternative Method Permit or Closure Plan Application

11763  
Amended

- Type of action:  Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  
 Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method  
 Modification to an existing permit  
 Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.  
Operator: WPX Energy Company OGRID #: 120782  
Address: P.O. BOX 640 AZTEC. MNM 87410  
Facility or well name: ROSA UNIT #23C  
API Number: 30-039-27609 OCD Permit Number:  
  
U/L or Qtr/Qtr L Section 29 Township 31N Range 05W County: RIO ARRIBA  
Center of Proposed Design: Latitude 37.86895 Longitude 107.39390 NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  
 Pit: Subsection F or G of 19.15.17.11 NMAC  
Temporary:  Drilling  Workover  Permanent  Emergency  Cavitation  P&A  
 Lined  Unlined Liner type: Thickness \_\_\_\_\_ mil  LLDPE  HDPE  PVC  Other \_\_\_\_\_  
 String-Reinforced  
Liner Seams:  Welded  Factory  Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

RCVD MAR 6 '14  
OIL CONS. DIV.  
DIST. 3

3.  
 Closed-loop System: Subsection H of 19.15.17.11 NMAC  
Type of Operation:  P&A  Drilling a new well  Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  
 Drying Pad  Above Ground Steel Tanks  Haul-off Bins  Other \_\_\_\_\_  
 Lined  Unlined Liner type: Thickness \_\_\_\_\_ mil  LLDPE  HDPE  PVC  Other \_\_\_\_\_  
Liner Seams:  Welded  Factory  Other \_\_\_\_\_

4.  
 Below-grade tank: Subsection I of 19.15.17.11 NMAC  
Volume: 120 bbl Type of fluid: PRODUCED WATER  
Tank Construction material: FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER  
 Secondary containment with leak detection  Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
 Visible sidewalls and liner  Visible sidewalls only  Other \_\_\_\_\_  
Liner type: Thickness \_\_\_\_\_ mil  HDPE  PVC  Other \_\_\_\_\_

5.  
 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.  
**Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)  
 Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)  
 Four foot height, four strands of barbed wire evenly spaced between one and four feet  
 Alternate. Please specify \_\_\_\_\_

7.  
**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)  
 Screen  Netting  Other \_\_\_\_\_  
 Monthly inspections (If netting or screening is not physically feasible)

8.  
**Signs:** Subsection C of 19.15.17.11 NMAC  
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
 Signed in compliance with 19.15.3.103 NMAC

9.  
**Administrative Approvals and Exceptions:**  
 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  
**Please check a box if one or more of the following is requested, if not leave blank:**  
 Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.  
 Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10.  
**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC  
*Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.*

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

11.

**Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_
- Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

14.

**Proposed Closure:** 19.15.17.13 NMAC

**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type:  Drilling  Workover  Emergency  Cavitation  P&A  Permanent Pit  Below-grade Tank  Closed-loop System  
 Alternative
- Proposed Closure Method:  Waste Excavation and Removal  
 Waste Removal (Closed-loop systems only)  
 On-site Closure Method (Only for temporary pits and closed-loop systems)  
 In-place Burial  On-site Trench Burial  
 Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)

**Instructions:** Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

Yes (If yes, please provide the information below)  No

Required for impacted areas which will not be used for future service and operations:

Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

**Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

18.

**On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

19.

**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

20.

**OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)  OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly Approval Date: 3/18/2014

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

21.

**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

Closure Completion Date: 10/1/2008

22.

**Closure Method:**

Waste Excavation and Removal  On-Site Closure Method  Alternative Closure Method  Waste Removal (Closed-loop systems only)  
 If different from approved plan, please explain.

23.

**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

*Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

Yes (If yes, please demonstrate compliance to the items below)  No

*Required for impacted areas which will not be used for future service and operations:*

- Site Reclamation (Photo Documentation)
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique

24.

**Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for on-site closure)
- Disposal Facility Name and Permit Number SJ Regional Landfill, NMED Permit SWM-052426
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 37.86895 Longitude 107.39390 NAD:  1927  1983

25.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Vanessa Fields Title: Environmental Specialist

Signature: [Signature] Date: 3/5/2014

e-mail address: Vanessa.fields@wpenergy.com Telephone: (505) 333-1880

WPX Energy Company, LLC  
San Juan Basin: New Mexico Assets  
Below-Grade Tank Removal  
Closure Report

OIL CONS. DIV DIST. 3

MAR 17 2014

Well: (Rosa Unit#023C)  
API No: 30-039-27609  
Location: L-S29-T31N-R05W, NMPM

In accordance with Rule 19.15.17.13 NMAC, the following report describes the general closure of the referenced below-grade tanks (BGT) on WPX Energy Co, LLC (WPX) location in the San Juan Basin of New Mexico. The closure follows this WPX's standard closure procedure for all BGTs regulated under Rule 19.15.17 NMAC and operated by WPX. For those closures which do not conform to the standard closure plan, a separate well/pit specific closure plan will be developed and utilized.

**Closure Conditions and Timing:**

Pursuant to 19.15.17.13 (A) NMAC, WPX will initiate closure of any BGT should any one of these conditions occur:

- The Division requires closure because of imminent danger to fresh water, public health or the environment.
- The integrity of the BGT fails. Notification will be within 48 hours to the Division and closure will be schedule as specified in 19.15.17.12 (A) (5) NMAC.
- WPX chooses to take the BGT out-of-service due to operational needs. Closure under these conditions will be initiated within 60 days of cessation of the BGT's operation.
- BGTs installed prior to June 16, 2008 that do not meet the requirements under 19.15.17.11.1(6) NMAC and WPX chooses not to retrofit or upgrade. Closure under these conditions will be completed within five years (by June 16, 2013).

**General Plan Requirements:**

1. Prior to initiating any BGT Closure except in the case of an emergency, WPX will review County Tax Records for the current landowner of record. The landowner of record will be notified of the intent to closure the BGT by certified mail and a copy of this notification will be included in the closure report. In the case of an emergency, the landowner of record will be notified as soon as practical.

WPX Energy notified the SMA of its intent to clean close the BGT via Certified Mail on March 10, 2009 see attached. No return receipt required per BLM:FFO/NMOCD MOU dated 5/4/09.

2. Notice of Closure will be given to the Aztec District office between 72 hours and one week of the scheduled closure via email or phone. The notification of closure will include the following:
  - a. Operators Name (WPX)
  - b. Well Name and API Number
  - c. Location (USTR)

No notification was located in re-search for Pit Closure.

3. All piping will be rerouted to an alternative produced water storage/disposal location (e.g. surface tanks, temporary frac tank ...). The well will be temporarily shut-in until the rerouting is completed.

WPX Energy closed the BGT used by the separator and piped all liquids to the Rosa Unit#023C Produced Water Storage Tank.

4. All produced water will be removed from the BGT following discharge-pipe rerouting. Produced water will be disposed at one of the following NMOCD approved facilities depending on the proximity of the BGT site: Rosa Unit SWD #1 (Order: SWD-916, API: 30-039-27055), Rosa Unit #94 (Order: SWD-3RP-1003-0, API: 30-039-23035), Jillson Fed. SWD #001 (Order: R10168/R10168A, API: 30-039-25465), Middle Mesa SWD #001 (Order: SWD-350-0, API: 30-045-27004) and/or Basin Disposal (Permit: NM-01-0005).

Produced water in the BGT prior to closures was removed by vacuum truck and hauled to the Rosa Unit disposal wells listed.

5. Solids and sludges will be shoveled and /or vacuumed out for disposal at Envirotech (Permit Number NM-01-0011).

No solids or sludge required removal prior to excavation and removal of the tank.

6. WPX Energy will obtain prior approval from NMOCD to dispose, recycle, reuse, or reclaim the BGT and provide documentation of the disposition of the BGT in the closure report. Steel materials will be recycled or reused as approved by the Division. Fiberglass tanks will be empty, cut up or shredded, and EPA cleaned for disposal as solid waste. Liners materials will be cleaned without soils or contaminated material for disposal as solid waste. Fiberglass tanks and liner materials will meet the conditions of paragraph 1 subsection D or 19.15.9.712 NMAC. Disposal will be at a licensed disposal facility, presently San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.

The fiberglass tank and plastic liner was disposed of at the San Juan Regional Landfill.

7. Any equipment associated with the BGT that is no longer required for some other purpose, following the closure will be removed from the location.

The fiberglass tank and plastic liner were removed offsite. All other piping and equipment remains in use. See attached photo.

8. Following removal of the tank and any liner material, a five-point composite sample will be taken of the excavation and tested per 19.15.17.13(E)(4) NMAC as identified in Table 1. Grab samples will be collected from any area that is wet, discolored or showing other evidence of a release. Results will be report to the Division following receipt from the lab on Form C-141.

Table 1: Closure Criteria for BGTs

Components	Testing Methods	Closure Limits (mg/Kg)	Sample Results (mg/Kg)
Benzene	EPA SW-846 Method 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 Method 8021B or 8260B	50	ND
TPH	EPA SW-846 Method 418.1 <sup>(1)</sup>	100	133
Chlorides	EPA SW-846 Method 300.1 <sup>(1)</sup>	250 <sup>(2)</sup>	200

<sup>(1)</sup> Method modified for solid waste.

<sup>(2)</sup> If background concentration of Chlorides greater than 250 mg/Kg, then higher concentration will be used for closure.

9. If the Division and/or WPX Energy determine there is a release, WPX Energy will comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC.

Release was detected per NMOCD pit rule soil samples were taken with the 418.1 method and transferred to the spill rule with results of non-detect. No further action required.

10. Upon completion of the tank removal, and any necessary soil remediation, the excavation will be backfilled with non-waste earthen material compacted to native and covered with a minimum of one foot of top soil or background thickness. The surface will be recontoured to match the native grade.

Pit area backfilled with clean earthen material following sample results. No contaminated soil taken off site. Backfill compacted to avoid settling and pit area remains in use for production operations.

11. For those portions of the former pit area no longer required for production activities, WPX will seed the disturbed areas the first growing season after the pit is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintained that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs. Note: WPX assumes the seeding stipulations including mix and seeding methods specified by the Surface Management Agency (BLM, BOR, USFS, Tribal, etc.) APD are Division-approved methods unless notified by the Division of their unacceptability. If a landowner agreement requires reseeding or other surface restoration that does not meet the revegetation requirements of 19.15.17.13. , I then WPX will submit the proposed alternative with written documentation that the landowner agrees to the alternative, for Division approval.

Pit area along with unused portions of well pad interim reclaimed and following P&A entire location to be reclaimed and recontoured in accordance with Surface Management Agency requirements in APD-COAs and per BLM:FFO/NMOCD MOU dated 5/4/09.

12. For those portions of the former pit area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above. See above notes.

#### **Closure Report:**

All closure activities will include proper documentation and will be submitted to OCD within 60 days of the BGT closure on a Closure Report using Division Form C-144. The Report will include the following:

- Proof of Closure Notice (surface owner & NMOCD)
- Backfilling & Cover Installation
- Site Diagram with coordinates
- Available Inspection reports
- Confirmation Sampling Analytical Results
- Disposal Facility Name(s) and Permit Number(s)
- Re-vegetation Application Rate & Seeding techniques
- Photo Documentation of Reclamation



721. South Main Street  
Aztec, NM 87410

March 17, 2014

Jonathan Kelly  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

Dear Mr. Kelly

**OIL CONS. DIV DIST. 3**

**MAR 17 2014**

REF: Rosa Unit#023C Closure Report

Please find attached the requested revised C-144 Below Grade Closure Report for the Rosa Unit # 023C API: 30-039-27609.

Upon gathering documentation for the closure report I was unable to locate a submitted Closure request made to the Aztec Oil Conservation office by WPX Energy. WPX understands that it is required by the pit rule to submit a closure request, this is not common practice that WPX conducts, in the future we will insure proper request are made to the NMOCD prior to closing out any below grade tanks.

Please let me know if you need any further information regarding this closure.

Thank you,

A handwritten signature in black ink, appearing to read 'Vanessa Fields', written over a horizontal line.

Vanessa Fields  
Environmental Specialist



Exploration & Production  
PO Box 640  
Aztec, NM 81137  
505/634-4219  
505/634-4214 Fax

March 10, 2009

Mr. Mark Kelly  
Bureau of Land Management  
Farmington Field Office  
1235 La Plata Hwy.  
Farmington, NM 87401

Sent via Certified Mail

RE: Notification of Production Pit Closure  
Rule 19.15.17.13 NMAC  
Production Pits associated Natural Gas Development  
Operated by Williams Production Co, LLC

Pursuant to Rule 19.15.17.13 NMAC, this correspondence is to notify the Bureau of Land Management, Farmington Field Office, of Williams Production LLC's (Williams') intent to clean close all production pits on the attached list of wells operated with the District in San Juan County and Rio Arriba County, New Mexico. Closure will follow the plan included with this correspondence.

Thank you for your consideration. If there are any questions or additional information is requested, please contact me at (505) 634-4209.

Respectfully submitted,

Holly C. Perkins  
EH&S Specialist

Encl: Williams Production Pit Inventory List (Federal wells)  
San Juan Basin - New Mexico Assets: Below-Grade Tank Closure Plan

cc: Environmental File

WELLS w/FEDERAL SURF MGT	API	FMT	SEC	TWN	RNG	PIT TYPE	CONSTRUCTION MATERIAL
ROSA UNIT #022A	3003926390	BLANCO MV	18C	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #023	3003907942	BLANCO MV	29M	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #023B	3003926553	BLANCO MV	29E	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #023C	3003927609	BI ANCO MV	29L	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #024	3003907933	BLANCO MV	32M	31N	05W	BGT	HDPE SECONDARY LINER
ROSA UNIT #024A	3003925568	BLANCO MV	32E	31N	05W	SGT	DBL WALL STEEL
ROSA UNIT #024B	3003926630	BLANCO MV	32N	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #024C	3003926968	BLANCO MV	32C	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #026A	3003925580	BLANCO MV	32O	31N	05W	SGT	DBL WALL STEEL
ROSA UNIT #026B	3003926788	BASIN DK	32G	31N	05W	SGT	DBL WALL STEEL
ROSA UNIT #029	3004511136	BLANCO MV	32H	32N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #029B	3004530709	BLANCO MV	32B	32N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #029M	3004529584	BLANCO MV	32I	32N	06W	BGT	DBL WALL STEEL
ROSA UNIT #030 COM	3003925570	BLANCO MV	12O	31N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #030A	3003926068	BLANCO MV	12M	31N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #030B	3003926601	BLANCO MV	12N	31N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #030C	3003929842	BLANCO MV	12P	31N	06W	BGT	DBL WALL STEEL
ROSA UNIT #031	3003926279	BLANCO MV	17C	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #031A	3003926346	BLANCO MV	17L	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #031B	3003926579	BLANCO MV	17D	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #031C	3003926578	BLANCO MV	17N	31N	05W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #032	3003925389	ROSA PC	21H	31N	06W	BGT	DBL WALL STEEL
ROSA UNIT #032A	3003925417	ROSA PC	21F	31N	06W	BGT	DBL WALL STEEL
ROSA UNIT #032B	3003926771	BLANCO MV	21G	31N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #032C	3003927240	BLANCO MV	21F	31N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #034	3003907984	BLANCO MV	36B	32N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER
ROSA UNIT #034A	3003926119	BLANCO MV	36I	32N	06W	BGT	DBL WALL STEEL
ROSA UNIT #034A	3003926119	BLANCO MV	36I	32N	06W	SGT	DBL WALL STEEL
ROSA UNIT #034B	3003926629	BLANCO MV	36J	32N	06W	BGT	FIBERGLASS TANK w/BANDED 20-mil HDPE SECONDARY LINER

Date	WellName	Run	Formation	Construction	SGT. BGT, Above	Twin Well	Leak detection		Pit	Comments / Repairs needed
						Y/N	Y/N	level	level	
12/1/2008	ROSA UNIT #023C	04-57	Mesa Verde/Dakota	FIBERGLASS	BGT	NO	n/a	n/a	n/a	Pit has been replaced with tank.

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	WPX	Project #:	04108-0003
Sample ID:	R23C	Date Reported:	10-01-08
Laboratory Number:	47435	Date Sampled:	09-23-08
Chain of Custody No:	5386	Date Received:	09-24-08
Sample Matrix:	Soil	Date Extracted:	09-29-08
Preservative:		Date Analyzed:	09-30-08
Condition:	Intact	Analysis Requested:	8015 TPH

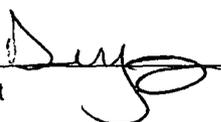
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

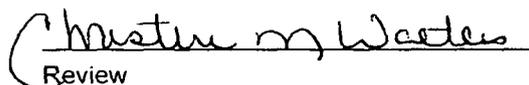
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Rosa 23C.**

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-30-08 QA/QC	Date Reported:	10-01-08
Laboratory Number:	47428	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-30-08
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	1.0015E+003	1.0019E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8973E+002	9.9012E+002	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	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	11.6	11.5	0.9%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	11.6	250	257	98.1%	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 47428 - 47430, 47435, 47451, and 47466 - 47468.

Analyst



Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	WPX	Project #:	04108-0003
Sample ID:	R23C	Date Reported:	10-01-08
Laboratory Number:	47435	Date Sampled:	09-23-08
Chain of Custody:	5386	Date Received:	09-24-08
Sample Matrix:	Soil	Date Analyzed:	09-30-08
Preservative:		Date Extracted:	09-29-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	ND	1.2
o-Xylene	ND	0.9
<b>Total BTEX</b>	<b>ND</b>	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	<b>Fluorobenzene</b>	<b>99.0 %</b>
	<b>1,4-difluorobenzene</b>	<b>99.0 %</b>
	<b>Bromochlorobenzene</b>	<b>99.0 %</b>

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

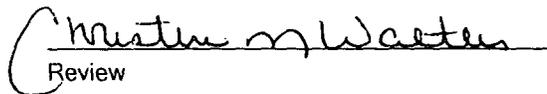
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Rosa 23C

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-30-BT QA/QC	Date Reported:	10-01-08
Laboratory Number:	47428	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-30-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	5.9406E+007	5.9525E+007	0.2%	ND	0.1
Toluene	4.5212E+007	4.5302E+007	0.2%	ND	0.1
Ethylbenzene	3.6000E+007	3.6073E+007	0.2%	ND	0.1
p,m-Xylene	7.6502E+007	7.6656E+007	0.2%	ND	0.1
o-Xylene	3.5528E+007	3.5599E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	1.6	1.8	12.5%	0 - 30%	0.9
Toluene	11.6	11.5	0.9%	0 - 30%	1.0
Ethylbenzene	5.0	5.1	2.0%	0 - 30%	1.0
p,m-Xylene	19.5	19.8	1.5%	0 - 30%	1.2
o-Xylene	23.9	24.0	0.4%	0 - 30%	0.9

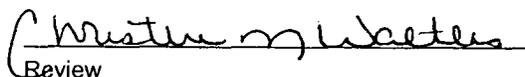
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.6	50.0	52.6	102%	39 - 150
Toluene	11.6	50.0	55.6	90.3%	46 - 148
Ethylbenzene	5.0	50.0	52.0	94.5%	32 - 160
p,m-Xylene	19.5	100	117	97.5%	46 - 148
o-Xylene	23.9	50.0	71.9	97.3%	46 - 148

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 47428 - 47430, 47435, 47437, 47451 and 47466 - 47469.

Analyst 

Review 

Client:	WPX	Project #:	04108-0003
Sample ID:	R23C	Date Reported:	10-02-08
Laboratory Number:	47435	Date Sampled:	09-23-08
Chain of Custody No:	5386	Date Received:	09-24-08
Sample Matrix:	Soil	Date Extracted:	09-30-08
Preservative:		Date Analyzed:	09-30-08
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
<b>Total Petroleum Hydrocarbons</b>	<b>133</b>	<b>5.0</b>

ND = Parameter not detected at the stated detection limit.

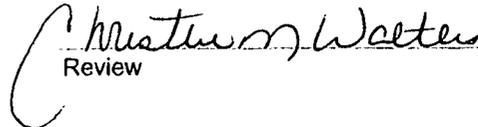
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Rosa 23C.**

Analyst



Review



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS  
QUALITY ASSURANCE REPORT**

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	10-02-08
Laboratory Number:	09-30-TPH.QA/QC 47428	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	09-30-08
Preservative:	N/A	Date Extracted:	09-30-08
Condition:	N/A	Analysis Needed:	TPH

<b>Calibration</b>	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	09-18-08	09-30-08	1,660	1,540	7.2%	+/- 10%

<b>Blank Conc. (mg/Kg)</b>	Concentration	Detection Limit
TPH	ND	13.3

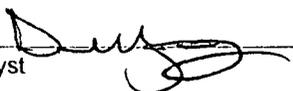
<b>Duplicate Conc. (mg/Kg)</b>	Sample	Duplicate	% Difference	Accept. Range
TPH	292	279	4.5%	+/- 30%

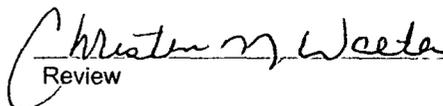
<b>Spike Conc. (mg/Kg)</b>	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	292.4	2,000	2,490	109%	80 - 120%

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 474728 - 47430, 47435 and 47466 - 47469.

Analyst 

Review 

Client:	WPX	Project #:	04108-0003
Sample ID:	R23C	Date Reported:	10-02-08
Lab ID#:	47435	Date Sampled:	09-23-08
Sample Matrix:	Soil	Date Received:	09-24-08
Preservative:		Date Analyzed:	09-30-08
Condition:	Intact	Chain of Custody:	5386

**Parameter**

**Concentration (mg/Kg)**

**Total Chloride**

**200**

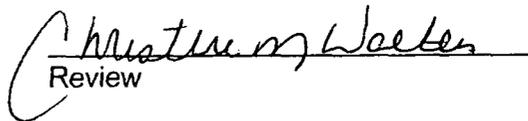
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Rosa 23C.**

Analyst



Review



# CHAIN OF CUSTODY RECORD

5386

Client: <i>WPX</i>	Project Name / Location: <i>Rosa 23c</i>	ANALYSIS / PARAMETERS											
Client Address: <i>721 S Main Ateec</i>	Sampler Name: <i>Jeff Gardy</i>	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
Client Phone No.: <i>634-4241</i>	Client No.: <i>04108-003</i>												

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	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
						HgCl <sub>2</sub>	HCl												
<i>B 23c</i>	<i>9/23/08</i>		<i>47435</i>	<i>Soil Sludge Solid Aqueous</i>	<i>403</i>			<i>XX</i>								<i>X</i>	<i>X</i>		<input checked="" type="checkbox"/>
				Soil Sludge Solid Aqueous															
				Soil Sludge Solid Aqueous															
				Soil Sludge Solid Aqueous															
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				Soil Sludge Solid Aqueous															
				Soil Sludge Solid Aqueous															

Relinquished by: (Signature) <i>Natasha Meada</i>	Date <i>9/24/08</i>	Time <i>11:45am</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>9/24/08</i>	Time <i>11:45</i>
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

*Return to myke lane*

**ENVIROTECH INC.**

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

**RECEIVED**

OCT 06 2008

**WPX**

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>
Address <b>PO Box 640</b>	Telephone No. <b>505-634-4219</b>
Facility Name <b>Rosa Unit #023C</b>	Facility Type <b>Well Site</b>
Surface Owner <b>BLM-FFO</b>	Mineral Owner <b>BLM</b>
Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>L</b>	<b>29</b>	<b>31 N</b>	<b>05W</b>					<b>Rio Arriba</b>

Latitude 36.86895 Longitude -107.39390

**NATURE OF RELEASE**

Type of Release <b>Produced Water</b>	Volume of Release <b>&lt;10 bbl</b>	Volume Recovered <b>None</b>
Source of Release <b>Produced Water Pit</b>	Date and Hour of Occurrence <b>9/10/08 &lt;12:00 PM</b>	Date and Hour of Discovery <b>9/10/08 &lt;12:42 PM</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Kelly Roberts, NMOCD &amp; Mark Kelly, BLM-FFO</b>	
By Whom? <b>Myke Lane</b>	Date and Hour <b>9/10/08 ~14:40 PM</b>	
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.

Describe Cause of Problem and Remedial Action Taken.

**Fiberglass (with plastic liner) failed due to soil sloughing for heavy rains causing side to partially collapse. Immediately removed remaining liquids, shutin well, repipe liquids to produced water tank.**

Describe Area Affected and Cleanup Action Taken.

**Impacted areas immediately around pit and within bermed area. Following liquid removal, tank and liner to be removed following WPX closure plan, and soils to be sampled to assess impact form release.**

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:	
Title: <b>SJB EH&amp;S Specialist</b>	Approval Date:	Expiration Date:
E-mail Address: <b>myke.lane@williams.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>9/10/08</b> Phone: <b>(505) 330-3198</b>		

Attach Additional Sheets If Necessary

UNITED STATES DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
New Mexico State Office

REPORT OF THE UNDESIRABLE EVENT

DATE OF OCCURRENCE/DISCOVERY: 9/10/08 TIME OF OCCURRENCE: <12:45PM

DATE REPORTED TO BLM: 9/10/08 TIME REPORTED: 14:45PM

BLM OFFICE REPORTED TO: (FIELD/DISTRICT/OTHER) FFO

LOCATION: (¼ ¼) L SECTION 29 T., 31N, R. 06W MERIDIAN: NMPM

COUNTY: Rio Arriba STATE: NM WELL NAME: Rosa 023C

OPERATOR: COMPANY NAME Williams Production PHONE NO. 505-330-3198

CONTACT PERSON'S NAME: Myke Lane

SURFACE OWNER: BLM MINERAL OWNER: Federal  
(FEDERAL/INDIAN/FEE/STATE)

LEASE NO.: \_\_\_\_\_ RIGHT-OF-WAY NO.: \_\_\_\_\_

UNIT NAME / COMMUNITIZATION AGREEMENT NO.: Rosa

TYPE OF EVENT, CIRCLE APPROPRIATE ITEM (S):

BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL, SALTWATER SPILL, OIL AND SALTWATER SPILL, TOXIC FLUID SPILL, HAZARDOUS MATERIAL SPILL, UNCONTROLLED FLOW OF WELLBORE FLUIDS, OTHER (SPECIFY):  
Produced Water Spill

CAUSE OF EVENT: Incident weather contributed to soils slough causing buried fiberglass pit to partially fail, allowing water to contact soil within bermed area.

HazMat Notified: (for spills) NA

Law Enforcement Notified: (for thefts) NA

CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S):  
NA

Safety Officer Notified: \_\_\_\_\_

EFFECTS OF EVENT: Water in secondary containment.

ACTION TAKEN TO CONTROL EVENT: Shut in well, recover water in containment, drain tank, and remove pit in accordance to NMOCD rules.

LENGTH OF TIME TO CONTROL BLOWOUT OR FIRE: NA

VOLUMES DISCHARGED: OIL \_\_\_\_\_ WATER ~10 bbl GAS \_\_\_\_\_

OTHER AGENCIES NOTIFIED: NMOCD

ACTION TAKEN OR TO BE TAKEN TO PREVENT RECURRENCE: See above.

FINAL INVESTIGATION:  
TEAM NAME(S) NA

FIELD INSPECTION DATE \_\_\_\_\_

SUMMARY OF RESULTS OF INSPECTION \_\_\_\_\_

RESOURCE LOSS WAS (CIRCLE ITEM):            AVOIDABLE            UNAVOIDABLE

DATE OF MEMO NOTIFYING MINERALS MANAGEMENT SERVICE THAT LOSS WAS AVOIDABLE:  
NA

DATE/TIME/PERSON NOTIFIED:

STATE OFFICE \_\_\_\_\_

WASHINGTON OFFICE \_\_\_\_\_

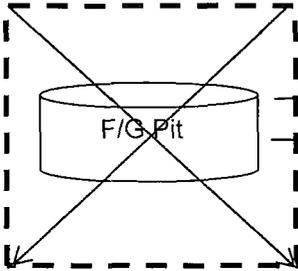
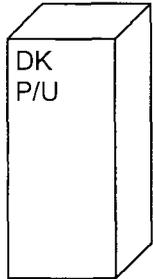
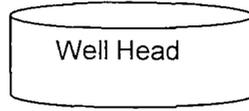
SUMMARY OF RESULTS OF RECLAMATION/CORRECTIVE ACTION:  
See above. No resources lost.

REMARKS: \_\_\_\_\_

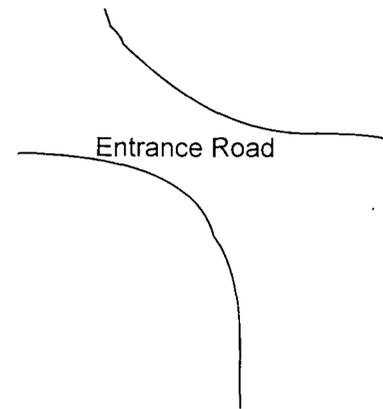
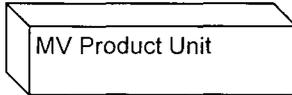
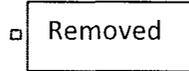
SIGNATURE OF AUTHORIZED OFFICER \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

ROSA # 23C DK/MV



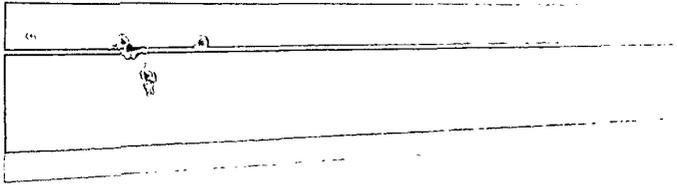
Walk Thru



**WPXENERGY** WPX Energy  
Production, LLC

ROSA UNIT #023C DK MV  
NMSF-078764  
API NO. 30-039-27609  
2060' FSL & 220' FWL  
SEC.29 T31N R05W NMPM  
RIO ARRIBA COUNTY, NM  
LAT: 36.86895 LONG: 107.39390  
EMERGENCY CONTACT: 1-888-615-4561

PRODUCES  
WATER



721. South Main Street  
Aztec, NM 87410

March 5, 2014

Jonathan Kelly  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

RCVD MAR 5 '14  
OIL CONS. DIV.  
DIST. 3

Dear Mr. Kelly

Please find attached the revised C-144 Below Grade Closure Report for the Rosa Unit # 023C, API: 30-039-27609. In 2008 the closure of the fiberglass pit was denied and sent back to Williams Production, after further review the closure report was never corrected. I am submitting the corrected closure report at this time to close out the removed fiberglass pit.

Please let me know if you need any further information regarding this closure.

Thank you,

Vanessa Fields  
Environmental Specialist