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.

2588

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

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.

Operator: Williams Production Co, LLC OGRID #. 120782
Address: PO Box 640/721 So. Main, Aztec, NM 87410
Facility or well name: Rosa Unit #360A
API Number: 30-039-30556 OCD Permit Number.
U/L or Qtr/Qtr G Section 9 Township 31N Range 05W County Rio Arriba
Center of Proposed Design: Latitude 36.916623 Longitude -107.36453 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 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other
☒ String-Reinforced
Liner Seams ☒ Welded ☒ Factory ☐ Other Volume: 20,000 bbl Dimensions: L 140' x W 70' x D 12'

RECEIVED FEB 2010 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

RECEIVED NOV 2008 OIL CONS. DIV. DIST. 3

4.
☐ **Below-grade tank:** Subsection I of 19.15 17.11 NMAC
Volume: bbl Type of fluid
Tank Construction material:
☐ 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	☐ Yes ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ No ☐ 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	☐ Yes ☐ No ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map, Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources, USGS; NM Geological Society; Topographic map	☐ Yes ☐ No

Within a 100-year floodplain. - FEMA map	☐ Yes ☐ 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_2S, 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 indentify 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	☐ Yes ☐ No ☐ 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	☐ Yes ☐ No ☐ 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	☐ Yes ☐ No ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain - FEMA map	☐ Yes ☐ 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: _____ **Approval Date:** 6/28/2017

Title: Deputy Oil & Gas Inspector, District #3 **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: October 24, 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 indentify 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
- ☒ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

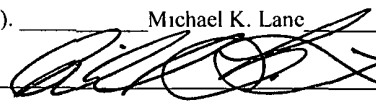
On-site Closure Location Latitude 36.916623 Longitude -107.26453 NAD ☒1927 ☒1983

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). Michael K. Lane Title: EH&S Specialist

Signature  Date. 11/21/08

e-mail address: Myke.lane@williams.com Telephone 505-634-4219

Meador, Tasha (E&P)

From: johnny@adobecontractorsinc.com
Sent: Friday, November 07, 2008 7.39 AM
To: Meador, Tasha (E&P)
Subject: Fw: Closure of Williams Reserve pit

----- Original Message -----
From: johnny@adobecontractorsinc.com
To: Brandon Powell
Sent: Friday, October 10, 2008 2:59 PM
Subject: Closure of Williams Reserve pit

Brandon, We are planning to cover the reserve pit on the Rosa Unit #360A for Williams starting on Wednesday or Thursday of next week. Please let me know if you have any questions Thanks,

Johnny Stinson
Adobe Contractors
(505)632-1486 office
(505)320-6076 cell
johnny@adobecontractorsinc.com

STATE OF NEW MEXICO:

COUNTY OF RIO ARRIBA:

RECORDATION NOTICE OF PIT BURIAL

In accordance with Section 19.15.17.13.F.1.f of the NMAC, operator herby provides notice in the public record of an on-site burial of a temporary pit at the following location:

Well Name:	**Rosa 360A**
Latitude (DDD MM.MMM'):	**36.916623**
Longitude (DDD MM.MMM'):	**-107.36453**
Unit Letter (1/4, 1/4):	**G**
Section:	**9**
Township:	**31N**
Range:	**05W**
County:	**Rio Arriba**
State:	**NM**

IN WITNESS WHEREOF, this Recordation Notice of Pit Burial has been executed on the date indicated below by the undersigned.

NATASHA MEADOR NOTARY PUBLIC STATE OF NEW MEXICO

WILLIAMS COMPANIES, INC.

Michael K. Lane EH&S Specialist — **Date** 11/19/08

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

This document was acknowledged before me on this 19 **day of** November 2008
by Michael K Lane, EH&S Specialist of WILLIAMS COMPANIES, INC.

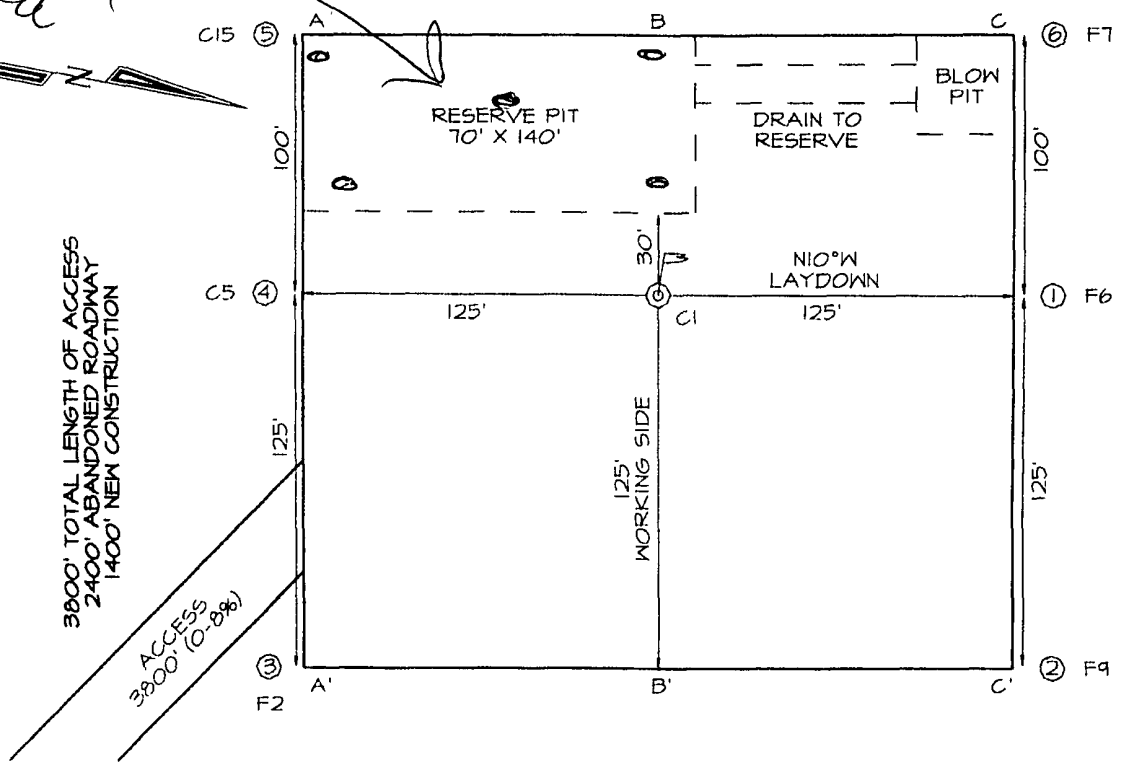
Natasha Meador
Notary Public Signature

My Commission Expires
11/30/11

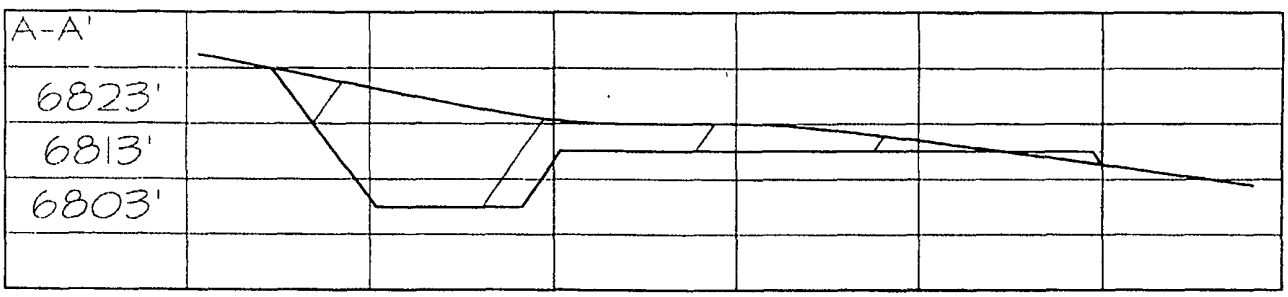
Natasha Meador
Notary Name Printed

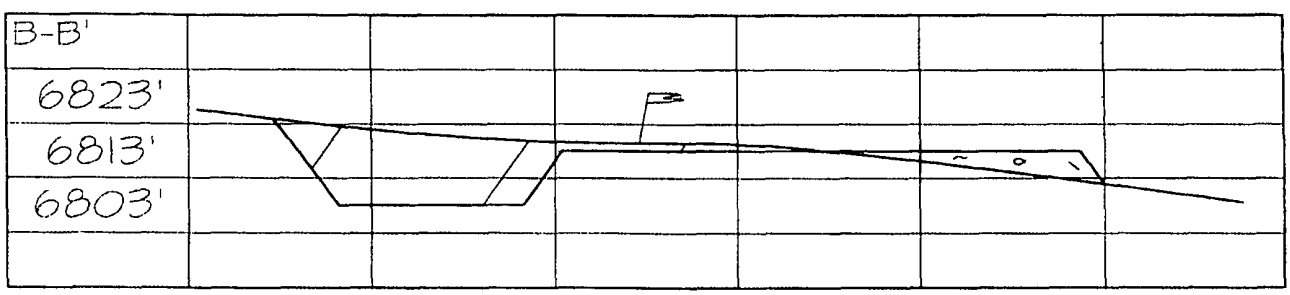
Sample Area

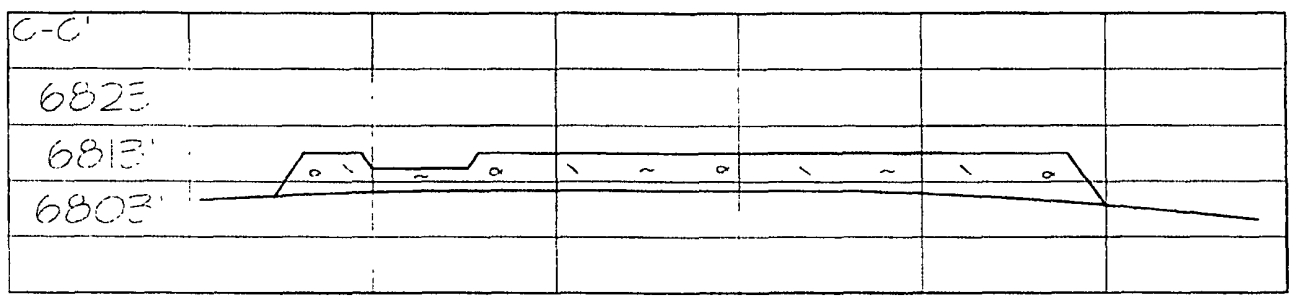
WILLIAMS PRODUCTION COMPANY ROSA UNIT #360A
1470' FNL & 2095' FEL, SECTION 9, T31N, R5W, NMPM
RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6814'



LATITUDE: 36°55'02"
LONGITUDE: 107°21'55"
DATUM NAD1927







FILENAME 31547.7	SHEET 2 OF 3	NCE SURVEYS, INC.	DRAWN BY: EDO	CHECKED BY JCE

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client	Williams WPX	Project #	04108-0003
Sample ID	Rosa 360A	Date Reported	11-07-08
Laboratory Number	47941	Date Sampled	10-27-08
Chain of Custody No	5656	Date Received	10-30-08
Sample Matrix	Soil	Date Extracted	11-04-08
Preservative	Cool	Date Analyzed	11-05-08
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)	**2.9**	**0.1**
Total Petroleum Hydrocarbons	**2.9**	**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 360A.**

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

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client	QA/QC	Project #	N/A
Sample ID	11-05-08 QA/QC	Date Reported	11-07-08
Laboratory Number	47921	Date Sampled	N/A
Sample Matrix	Methylene Chloride	Date Received	N/A
Preservative	N/A	Date Analyzed	11-05-08
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	1.0049E+003	1.0053E+003	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0114E+003	1.0118E+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	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**27.2**	**27.0**	**0.7%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**246**	**98.4%**	**75 - 125%**
Diesel Range C10 - C28	**27.2**	**250**	**267**	**96.4%**	**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 47921, 47922, 47941, 47950 - 47955, and 48013.**

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

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client	Williams WPX	Project #	04108-0003
Sample ID	Rosa 360A	Date Reported	11-07-08
Laboratory Number	47941	Date Sampled	10-27-08
Chain of Custody	5656	Date Received	10-30-08
Sample Matrix	Soil	Date Analyzed	11-05-08
Preservative	Cool	Date Extracted	11-04-08
Condition	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**9.2**	**0.9**
Toluene	**18.6**	**1.0**
Ethylbenzene	**1.6**	**1.0**
p,m-Xylene	**6.4**	**1.2**
o-Xylene	**4.3**	**0.9**
Total BTEX	**40.1**	

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: **Rosa 360A**

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

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	11-05-BT QA/QC	Date Reported	11-07-08
Laboratory Number	47921	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	11-05-08
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	4 5525E+007	4 5616E+007	0.2%	ND	0.1
Toluene	3 3820E+007	3 3887E+007	0.2%	ND	0.1
Ethylbenzene	2 5867E+007	2 5919E+007	0.2%	ND	0.1
p,m-Xylene	5 5337E+007	5 5448E+007	0.2%	ND	0.1
o-Xylene	2 4758E+007	2 4807E+007	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	13.7	13.5	1.5%	0 - 30%	1.0
Ethylbenzene	3.2	3.1	3.1%	0 - 30%	1.0
p,m-Xylene	8.9	9.7	9.0%	0 - 30%	1.2
o-Xylene	6.0	5.8	3.3%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.0	98.0%	39 - 150
Toluene	13.7	50.0	61.4	96.4%	46 - 148
Ethylbenzene	3.2	50.0	51.2	96.2%	32 - 160
p,m-Xylene	8.9	100	106	97.2%	46 - 148
o-Xylene	6.0	50.0	53.0	94.6%	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 47921 - 47922, 47941, 47950 - 47955, and 48013.**

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

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Williams WPX	Project #:	96052-0026
Sample ID:	Rosa 360A	Date Reported:	11-07-08
Laboratory Number:	47941	Date Sampled:	10-27-08
Chain of Custody No:	5656	Date Received:	10-30-08
Sample Matrix.	Soil	Date Extracted:	10-31-08
Preservative:	Cool	Date Analyzed·	10-31-08
Condition:	Intact	Analysis Needed·	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**177**	**5.0**

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 360A.**

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

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client.	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	11-06-08
Laboratory Number	10-31-TPH.QA/QC 47921	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed.	10-31-08
Preservative·	N/A	Date Extracted:	10-31-08
Condition·	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF	% Difference	Accept Range
	10-06-08	**10-31-08**	**1,770**	**1,720**	**2.8%**	**+/- 10%**

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	**ND**	**7.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
TPH	**1,350**	**1,210**	**10.4%**	**+/- 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	**1,350**	**2,000**	**3,190**	**95.2%**	**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 47921, 47923 - 47926 and 47941 - 47943.**

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

envirotech
Analytical Laboratory

Chloride

Client	Williams WPX	Project #:	04108-0003
Sample ID:	Rosa 360A	Date Reported:	11-07-08
Lab ID#:	47941	Date Sampled:	10-27-08
Sample Matrix:	Soil	Date Received:	10-30-08
Preservative:	Cool	Date Analyzed:	10-31-08
Condition.	Intact	Chain of Custody:	5656

Parameter	Concentration (mg/Kg)
Total Chloride	**90.0**

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 360A.**

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

CHAIN OF CUSTODY RECORD

5656

Client: Williams WPX	Project Name / Location: Rosa 360A
Client Address: 721 S. Main	Sampler Name: GS
Client Phone No.: 634-4241	Client No.: 04108-003

ANALYSIS / PARAMETERS

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
Rosa 360A	10/27	1:24pm	47941	(Soil) Sludge Solid Aqueous	4 oz				X	X							X	X				X	X
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
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				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	~~Date~~ T	~~Time~~ D	Received by: (Signature)	Date	Time
Natasha Meador	9:49	10/30/08	[signature]	10/30/08	9:49
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RECEIVED
NOV 20 2008

ENVIROTECH INC.

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

ACCENT Printing • Form 28-0807

Williams Production Co., LLC
San Juan Basin: New Mexico Assets
Temporary Pit In-place Closure Plan
Drilling/Completion and Workover
(Groundwater >100 feet bgs)

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general in-place closure requirements of temporary pits on Williams Production Co, LLC (WPX) locations in the San Juan Basin of New Mexico. This is WPX's standard procedure for all temporary pits to be utilized for the drilling, completion and/or workovers of oil and gas wells operated by WPX. For those temporary pits which do not conform to this standard closure plan, a separate well/pit specific closure plan will be developed and utilized.

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

- Details on Capping and Covering, where applicable
- Plot Plan (Pit Diagram)
- Inspection reports
- Sampling Results
- Division Form C-105: *WELL COMPLETION OR RECOMPLETION REPORT AND LOG*
- Copy of Deed Notice filed with the County Clerk (format to meet County requirements)

General Plan Requirements:

1 All free standing liquids will be removed from the pit at the start of the closure process. Liquids will be removed in a manner that the appropriate District Office approves including, recycled, reused, reclaimed, evaporated, and/or disposed of in a Division-approved facility.

2. The preferred method of closure for all temporary pits will be on-site closure by in-place burial, provided all the criteria in 19.15 17.13.B are met.

3. The surface owner shall be notified of WPX's proposed clclosure plan using a means that provides proof of notice (i.e. certified mail/retrun receipt requested)

4. Within six months of the "rig-off" status occurring WPX will ensure that the temporary pit is covered, recontoured and reseeding in progress.

5. 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)

6. The pit liner shall be removed above "mud level" after stabilization. Removal of the liner will consist of manually or mechanically cutting the liner at the mud level and removing all remaining liner Care will be taken to remove "all" of the liner (I.e. anchored material). All excessive liner will be disposed of at a licensed disposal facility (probably San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426).

7. Solidification of the remaining pit contents shall be achieved by mixing non-waste containing. earthen material. The solidification process will be accomplished use a combination of natural drying and mechanical mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed safe and stable. The mixing ratio shall not exceed 3 parts non-waste to 1 part pit contents
8. A five-point composite sample will be taken of the pit using sampling tools and all samples tested per 19.15.17.13(B)(1)(b) NMAC. In the event that the criteria are not met (See Table 1), all contents will be handled per 19.15.17.13(B)(1)(a) (i.e. dig and haul to a Division-approved facility) Approval to haul will be requested of the Aztec District office prior to initiation

Table 1: Closure Criteria for Temporary Pits in Non-sensitive Areas

Components	Testing Methods	Closure Limits (mg/Kg)
Benzene	EPA SW-846 Method 8021B or 8260B	0.2
BTEX	EPA SW-846 Method 8021B or 8260B	50
TPH	EPA SW-846 Method 8015 M(Full Range)* or Method 418.1	2500
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500
Chlorides	EPA SW-846 Method 300.1	1000

* Preferred method

9. Upon completion of solidification and testing, the pit area will be backfilled with non-waste earthen material compacted to native conditions to enable effective revegetation for successful evapotranspiration. A minimum of four feet of cover including replacement of one foot of suitable material to establish vegetation, or the background thickness of topsoil, whichever is greater.

10. Following cover, the site will be recontoured to meet the Surface Management Agency or surface owner requirements. Re-contouring will attempt to match fit, shape, line form, and texture of the surrounding geography. Re-shaping will include drainage control, prevent ponding, and minimize erosion. Natural drainages will be unimpeded and stormwater Best Management Practices (BMPs) will be used to aid in soil stabilization and protection surface water quality.

11. Notification will be sent to the Aztec District office when the reclaimed area is seeded.

12. WPX shall 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.) or Land owner as part of a surface use agreement or APD are Division-approved methods unless notified by the Division of their unacceptability.*

13. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the on site burial upon the abandonment of all wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the on site burial of the temporary pit. The plate will be easily removable and a four-foot tall riser will be threaded into the top of the collar marker and welded around the base with the operations information at the time of all wells on the pad abandoned. The information will include Operator Name, Lease Name, Well Name, and number, USTR, and an indicator that the marker is an onsite pit burial location.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
17033	ROSA UNIT	360A

[7] OGRID No	[8] Operator Name	[9] Elevation
120782	WILLIAMS PRODUCTION COMPANY	6814'

[10] Surface Location

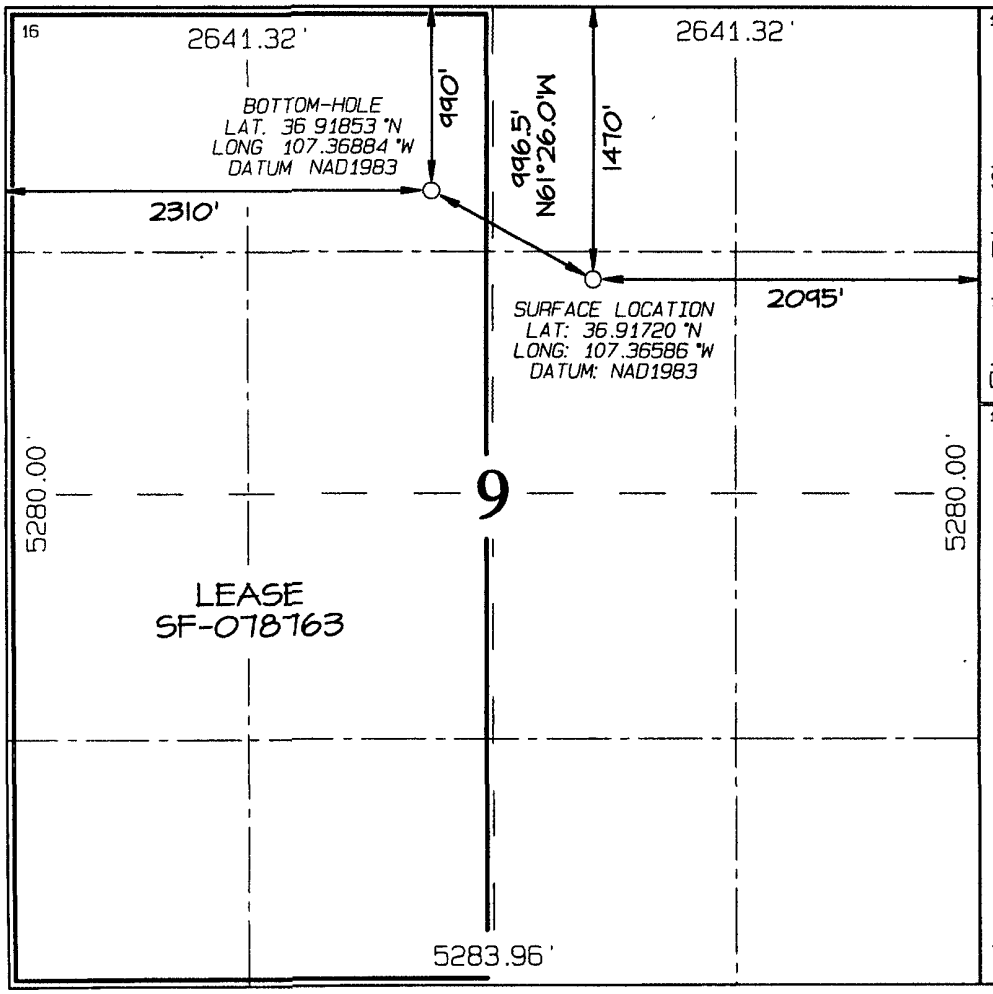
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	9	31N	5W		1470	NORTH	2095	EAST	RIO ARRIBA

[11] Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	31N	5W		990	NORTH	2310	WEST	RIO ARRIBA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No
320.0 Acres - (W/2)			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Printed Name

Title

Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey: JUNE 9, 2005

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS

Certificate Number 15269

In Lieu of Form 3160-4 (July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO 1004-0137
Expires February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5 LEASE DESIGNATION AND LEASE NO: NMSF-078763

6 IF INDIAN,ALLOTTEE OR

7 UNIT AGREEMENT NAME: Rosa Unit

1a TYPE OF WELL: ☐ OIL WELL X GAS WELL DRY OTHER

b TYPE OF COMPLETION: X NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER

2 NAME OF OPERATOR: WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME WELL NO: Rosa Unit #360A

3 ADDRESS AND TELEPHONE NO: P O Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO: 30-039-30556

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface 1470' FNL & 2095' FEL, Sec 9 (G), T31N, R5W
At top production interval reported below 948' FNL & 2251' FWL, Sec97 (C), T31N, R5W
At total depth Same

10 FIELD AND POOL, OR WILDCAT: Basin Fruitland Coal

11 SEC , T ,R ,M , OR BLOCK AND SURVEY OR AREA: SEC 9-31N-5W

14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE
		Rio Arriba	New Mexico

15 DATE SPUDDED	16 DATE T D REACHED	17 DATE COMPLETED (READY TO PRODUCE)	18 ELEVATIONS (DK, RKB, RT,GR,ETC)*	19 ELEVATION CASINGHEAD
8-8-08	9-5-08	9-30-08	6814' GR	

20 TOTAL DEPTH, MD & TVD	21 PLUG, BACK T D , MD & TVD	22 IF MULTCOMP , HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3912' MD / 3732' TVD	3912' MD			x	

24 PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Basin Fruitland Coal 3665' – 3812'

25 WAS DIRECTIONAL SURVEY MADE: YES

26 TYPE ELECTRIC AND OTHER LOGS RUN
Mud Logging only on this well

27 WAS WELL CORED: NO

28 CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8", K-55	36 0#	345'	12-1/4"	150 SX - SURFACE	
7", K-55	23 0#	3647'	8-3/4"	525 SX – SURFACE	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2", 15 5#, K-55	3537'	3912'	0 SX	

30 TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8", 6 5# J-55	3862'	

31 PERFORATION RECORD (Interval, size, and number)

Basin Fruitland Coal – 3665' – 3812' MD

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	Well was not fraced or acidized

33 PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)
	Flowing	SI – waiting on NSL approval

DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO
9-26-08	1 hr	2"					

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0 oz	20 0 oz			687 mcf/d		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD

TEST WITNESSED BY Sergio Borunda

35 LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE Drlg COM DATE 10-2-08

Submit To Appropriate District Office
Two Copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , 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-105
July 17, 2008

1. WELL API NO. 30-039-30556
2 Type of Lease ☐ STATE ☐ FEE X FED/INDIAN
3 State Oil & Gas Lease No NMSF - 078763

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4 Reason for filing

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)

5 Lease Name or Unit Agreement Name: Rosa Unit
6 Well Number: Rosa 360A

7 Type of Completion
X NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8 Name of Operator: WILLIAMS PRODUCTION, LLC
9 OGRID: 120782
10 Address of Operator: P O BOX 640 AZTEC, NM 87410
11 Pool name or Wildcat

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13 Date Spudded	14 Date T D Reached	15 Date Rig Released	16 Date Completed (Ready to Produce)	17 Elevations (DF and RKB, RT, GR, etc)
		10/01/08		

18 Total Measured Depth of Well	19 Plug Back Measured Depth	20 Was Directional Survey Made?	21 Type Electric and Other Logs Run

22 Producing Interval(s), of this completion - Top, Bottom, Name

23 **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24 LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25 TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26 Perforation record (interval, size, and number)

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - *(Corr)*

29 Disposition of Gas *(Sold, used for fuel, vented, etc)*
30 Test Witnessed By

31 List Attachments

32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit Attached

33 If an on-site burial was used at the well, report the exact location of the on-site burial

Latitude 36 916623 Longitude -107 36453 NAD X1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature [signature] Printed Name Title EH&S SPECIALIST Date

E-mail Address:

WILLIAMS PRODUCTION

TEMP PIT CLOSURE REPORT ADDENDUM

ROSA UNIT 360A

Req #

1 Date & How free standing liquids removed in following manner: **10/28/2008**

Liquids removed by vacuum truck and hauled to Basin Disposal, Permit # NM 01-0005

3 Return receipt sent & received from surface owner:

Williams notified the SMA of its intent to use a temporary pit and onsite burial in the Surface Use Plan in the well APD. The SMA was notified by email see attached. No return reciept required per BLM:FFO/NMOCD MOU dated 5/4/09.

4 Rig off location on following date: **10/1/2008**

Pit covered on following date: **10/28/2008**

Reseeding started/scheduled for following date:

Date and mix to follow BLM/USFS COAs in APD per BLM:FFO/NMOCD MOU dated 5/4/09.

6 Pit liner removed on following date: **10/16/2008**

Pit liner removed by following company: Adobe Construction

Pit liner removed in following manner:

Cut liner above mud level after stabilizationby manually &/or mechanically cutting liner. Removed all anchored material on date given.

Facility where Pit liner disposed: S.J. Regional Landfill, NMED Permit SWM-052426

7 Solidification process accomplished in following manner:

Adobe construction used combination of natural drying & mechanical mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is safe & stable. The mixing ratio per Adobe on the order of 2.7:1 to 3:1 and varied during closure depending on the initial moisture content of the mud and drill solids.

8 Five point composite sample provided: Envirotech Results Attached

9 Testing of earth by following company: Envirotech, Inc.

Material & method used for solidification, non-waste earthen material:

Grading & backfilling area with approximately 4' of soils and earthen materials recovered during site construction, to one foot consisting of topsoil.

ROSA UNIT 360A

10 Re-contouring to match surrounding geography done in following manner (using BMP's):

Reestablish drainage and contours to approximately match previous topography meeting Conditions of Approval in APD and as specified by Surface Management Agency Inspectors.

11 Sundry (C103) to NMOCD when area seeded and seed mix used:

Williams will comply with Surface Management Agency reseeding requirements in COAs of the APD for the referenced well, per BLM:FFO/NMOCD MOU dated 5/4/09.

12 Date pit was covered: **10/28/2008**

Revegetation and restoration completion: See item 11 and refer to MOU.

13 Company setting steel marker on site: Adobe Construction

Date marker set: **9/28/2009**

Type cmt & depth of cmt to place marker: 2 sx Pre-mixed concrete @ 4' depth

Type of marker used: (check one) Steel Post

Pertinent information on marker (operator, lease, well name/#, S-T-R-UL):

Williams Production, Unit G, Sec. 9, T31N, R5W, Rio Arriba

Attached information :

** Sample results from Form C141 (Release Notification & Corrective Action) Attached

Date & time release occurred: **NA**

** C105 (Completion Rpt) w/Applicable Pit Information Attached

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, LLC	Contact TASH MEADOR
Address P O. BOX 640, AZTEC, NM 87410	Telephone No (505) 634-4241
Facility Name Rosa Unit #360A	Facility Type Well Site

Surface Owner Federal	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	9	31N	5W					

Latitude 36.916623 **Longitude** -107 36453

NATURE OF RELEASE

Type of Release No Release Detected NA	Volume of Release NA	Volume Recovered NA
Source of Release NA	Date and Hour of Occurrence	Date and Hour of Discovery NA
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? NA	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse NA	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*

NA

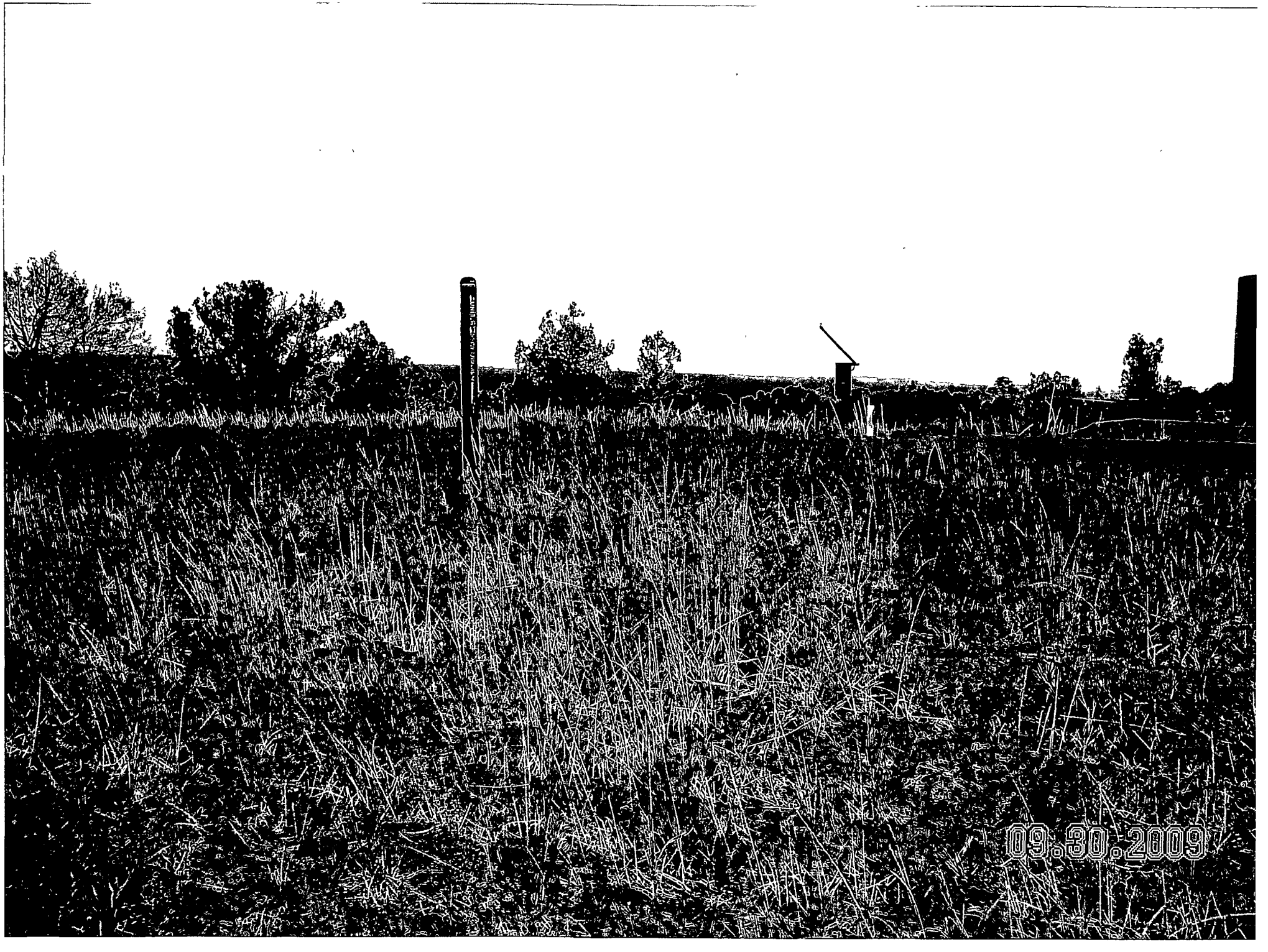
Describe Area Affected and Cleanup Action Taken *

NA

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: Tasha Meador	OIL CONSERVATION DIVISION	
Printed Name: Tasha Meador	Approved by District Supervisor	
Title. EH&S Coordinator	Approval Date.	Expiration Date
E-mail Address. tasha.meador@williams com	Conditions of Approval·	Attached ☐
Date. 2-2-10 Phone· (505) 634-4241		

* Attach Additional Sheets If Necessary


09.30.2009

WPXENERGY.

RCVD JUN 7'12
OIL CONS. DIV.

PO Box 640
Aztec, NM 87410

DIST. 3

Transmittal

To: Jonathan Kelly
NMOCD
1000 Rio Brazos Road
Aztec, New Mexico 87410

From: Tasha Meador
San Juan- Permitting Technician
505-333-1841
tasha.meador@wpxenergy.com

Date: June 5th, 2012

Re: Supplemental Submittal

Temporary Pit Closure report: NMOCD Permit #___2588___

Per our discussion: The Rosa Unit #360A temporary pit closure report was missing the OCD required pit inspection logs. WPX Energy currently has a weekly system to ensure that these inspections are completed and tracked. However, this particular well was completed by a different compliance team and the inspections cannot be found. Since the closure of this pit WPX Energy has transferred responsibility to a different team which has established a more reliable inspection schedule.

Please advise if additional information is required. Thank you for your time and consideration. Please call or contact me if there are any questions.

Respectfully resubmitted,

Tasha Meador

Tasha Meador
WPX Energy Production
721 S Main Aztec, NM
Office: 505-333-1800
Direct:505-333-1841
Fax: 505-333-1805
tasha.meador@wpxenergy.com