

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**

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

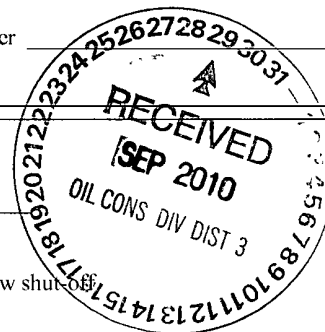
1
Operator Williams Operating Co, LLC OGRID # 120782
Address PO Box 640 / 721 S Main Aztec, NM 87410
Facility or well name: Rosa Unit 165D
API Number 30-03930690 OCD Permit Number _____
U/L or Qtr/Qtr C Section 25 Township 31N Range 6W County Rio Arriba
Center of Proposed Design Latitude 36 87450N Longitude -107 41778W 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'

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 _____ 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 _____

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



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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 As per BLM specifications

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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

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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

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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 checked="" 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 checked="" type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	<input type="checkbox"/> Yes <input checked="" 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 (<i>Applies to permanent pits</i>) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
Within a 100-year floodplain - FEMA map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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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 _____

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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)

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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 H₂S, 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

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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)

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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

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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

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
Within a 100-year floodplain - FEMA map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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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

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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 _____

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

OCD Representative Signature: Donald D. Kelly Approval Date: 9/2/2011

Title: Compliance Officer OCD Permit Number: _____

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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: 7/31/2010

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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

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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

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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 87435 Longitude -107 41756 NAD ☐ 1927 ☒ 1983

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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 Sr EH&S Specialist

Signature [Signature] Date 9/29/10

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

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

Well: Rosa Unit # 1654D
API No: 30-03930690
Location: C.Sec:25R:06WT:31N, NMPM

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)
A deed notice is not required on state, federal or tribal land according to NMOCD FAQ dated October 30, 2008 and posted on the NMOCD website.

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. Once all free liquids are removed, the sludge will be stabilized by one of the following methods depending on equipment availability: blending with clean stockpiled soils or dewatering using a Bowl Decanter Centrifuge then blending with clean stockpiled soils.

To the extent practical, free liquids were pulled from the reserve pit following the completion rig off. Haul dates was 11-20-2009 to (Rosa Unit SWD #001 (Order: SWD-916, API: 3003927055)).

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.

On-site burial plan for this location was approved by the Aztec District Office on (7-2-2009).

3. The surface owner shall be notified of WPX's proposed closure plan using a means that provides proof of notice (i.e. certified mail/return receipt requested).
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 receipt required per BLM FFO/NMOCD MOU dated 5/4/09.

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

Drill rig-off (9/27/10). Request for transfer to completion rig submitted (11/2/2009) to OCD Aztec District Office, Completion rig-off (5/26/10). Pit covered (7/31/10). Pit area along with unused portions of well pad to be interim reclaimed in accordance with Surface Management Agency requirements in APD-COAs and per BLM FFO/NMOCD MOU dated 5/4/09.

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)

The Aztec District Office of NMOCD was notified by email using a format acceptable to the District. Copies of the notification from Abode Contractors on (7/20/10) are attached.

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).

The liner to the temporary pit was removed above the "mud level" once stabilized. Removal of the liner consisted of manually cutting the liner and removing all remaining liner material above the "mud level" including the anchor material. All excessive liner was disposed of at the 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 using 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.

Following removal of free liquids, the pit contents were mixed with non-waste containing, earthen material in order to achieve appropriate solidification and a consistency that was deemed safe and stable. The solidification process was accomplished using a combination of natural drying, a Bowl Decanter Centrifuge, and mechanically mixing using a dozer and trackhoe. The mixing ratio was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed (7-28-10).

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.

A five-point composite sampling was taken of the pit area using sampling tools and the sample was tested per 19.15.17.13(B)(1)(b) NMAC. Results are shown in Table 1 and lab reports are attached.

Table 1. Closure Criteria for Temporary Pits in Non-sensitive Areas with Groundwater >100 bgs.

Components	Testing Methods	Limits (mg/Kg)	Pit (mg/Kg)
Benzene	EPA SW-846 Method 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 Method 8021B or 8260B	50	6.2
TPH	EPA SW-846 Method 418.1	2500	47.6
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	ND
Chlorides	EPA SW-846 Method 300.1	500	110

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.

Upon completion of solidification and testing, the pit area was backfilled with non-waste earthen material compacted to native conditions. A minimum of four feet of cover to the extent practical was achieved and the cover included just over a foot of topsoil suitable to establish vegetation.

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 storm water Best Management Practices (BMPs) will be used to aid in soil stabilization and protection surface water quality.

Following cover, Williams reestablished drainage and contours to approximately match previous topography meeting the Conditions of Approval in the APD and the direction offered by a BLM/USFS inspector. Cover and re-contouring were completed (7/31/2010).

11. Notification will be sent to the Aztec District office when the reclaimed area is seeded. Williams will comply with Surface Management Agency reseeding requirements in the COAs of the APD for the referenced well, per BLM:FFO/NMOCD MOU dated 5/4/09.

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.*

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

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 onsite 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 onsite 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.

The temporary pit was located with a steel marker meeting the above listed specifications. The marker has the following information welded for future reference. Williams Production, NMSF-078768, S25C-T31N-R06W-F, "Pit Burial" (photo attached). Steel marker set (8-13-2010).

WILLIAMS PRODUCTION COMPANY ROSA UNIT #165D
1280' FNL & 1635' FWL, SECTION 25, T31N, R6W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6403'

LATITUDE: 36.87435° N
LONGITUDE: 107.41756° W
 DATUM: NAD1983

EDGE EXISTING WELLPAD

CATHODIC PROTECTION STATION

ACCESS (NO NEW)

EXISTING ROADWAY

F3 ⑤

④

F2 ③

RESERVE PIT
10' x 140'

CENTER RESERVE PIT
LAT : 36.87450° N
LONG : 107.41778° W
DATUM : NAD1983

DRAIN TO RESERVE

BLOW PIT

N80°E LAYDOWN

WPX ROSA UNIT
#256A WELLHEAD

TANK

SEPARATOR

METER RUN

COMPRESSOR

WORKING SIDE

CATHODIC GROUNDBED

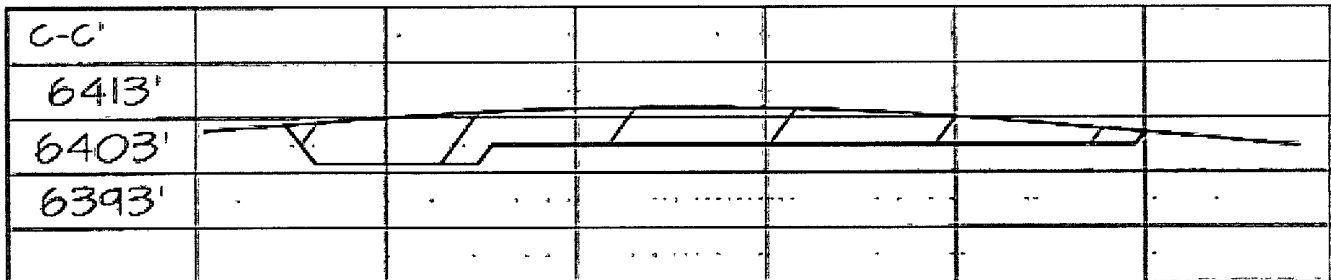
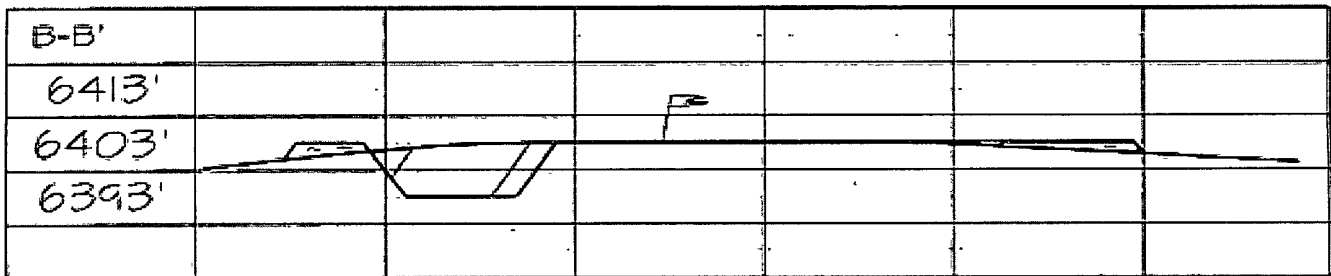
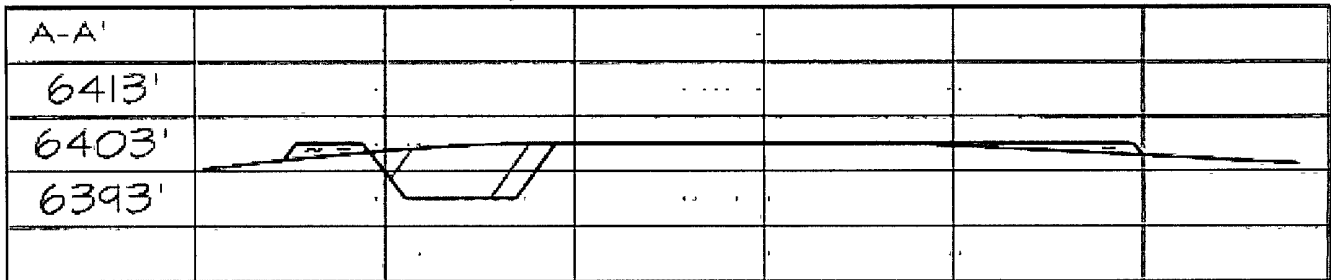
EDGE OF EXISTING WELLPAD

⑥ C4

① C6

② C2

Sheet T-Pads have been set to define the Edge of Disturbance limits which are 50' offset from the edge of the stacked wellpad.



FILENAME: 3625CT

SHEET 2 OF 3

NCE SURVEYS, INC.

DRAWN BY: EDO

CHECKED BY: JCE



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


Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-18-10
Laboratory Number:	55575	Date Sampled:	08-13-10
Chain of Custody No:	10197	Date Received:	08-16-10
Sample Matrix:	Soil	Date Extracted:	08-16-10
Preservative:	Cool	Date Analyzed:	08-17-10
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 Unit #165D**


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-17-10 QA/QC	Date Reported:	08-17-10
Laboratory Number:	55571	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-17-10
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	08-17-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	08-17-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%

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


Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	257	103%	75 - 125%
Diesel Range C10 - C28	ND	250	252	101%	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 55571-55576


Analyst


Review



envirotech
Analytical Laboratory

**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-18-10
Laboratory Number:	55575	Date Sampled:	08-13-10
Chain of Custody:	10197	Date Received:	08-16-10
Sample Matrix:	Soil	Date Analyzed:	08-17-10
Preservative:	Cool	Date Extracted:	08-16-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	1.4	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	1.5	1.2
o-Xylene	3.3	0.9
Total BTEX	6.2	

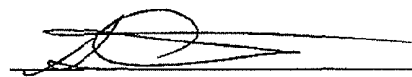
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	102 %
	1,4-difluorobenzene	102 %
	Bromochlorobenzene	102 %

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 Unit #165D


Analyst


Review



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	0817BBLK QA/QC	Date Reported:	08-17-10
Laboratory Number:	55571	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-17-10
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	8.3627E+005	8.3795E+005	0.2%	ND	0.1
Toluene	9.3497E+005	9.3684E+005	0.2%	ND	0.1
Ethylbenzene	8.6362E+005	8.6535E+005	0.2%	ND	0.1
p,m-Xylene	2.1295E+006	2.1338E+006	0.2%	ND	0.1
o-Xylene	7.6544E+005	7.6697E+005	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	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc: (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.1	100%	39 - 150
Toluene	ND	50.0	50.4	101%	46 - 148
Ethylbenzene	ND	50.0	49.2	98.3%	32 - 160
p,m-Xylene	ND	100	100	100%	46 - 148
o-Xylene	ND	50.0	50.2	100%	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 55571-55576, 55548-55550


Analyst


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

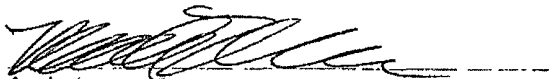
Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-18-10
Laboratory Number:	55575	Date Sampled:	08-13-10
Chain of Custody No:	10197	Date Received:	08-16-10
Sample Matrix:	Soil	Date Extracted:	08-18-10
Preservative:	Cool	Date Analyzed:	08-18-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	47.6	39.5

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 Unit #165D


Analyst


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	08-18-10
Laboratory Number:	08-18-TPH QA/QC 55574	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	08-18-10
Preservative:	N/A	Date Extracted:	08-18-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	07-29-10	08-18-10	1,860	1,770	4.8%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	39.5

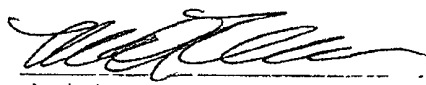
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	66.3	67.7	2.1%	+/- 30%

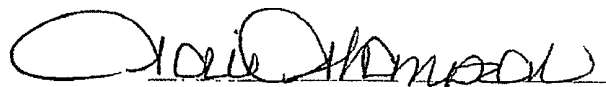
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	66.3	2,000	2,010	97.3%	80 - 120%

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 55574-55576


Analyst


Review




Chloride

Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-18-10
Lab ID#:	55575	Date Sampled:	08-13-10
Sample Matrix:	Soil	Date Received:	08-16-10
Preservative:	Cool	Date Analyzed:	08-17-10
Condition:	Intact	Chain of Custody:	10197

Parameter	Concentration (mg/Kg)
Total Chloride	110

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 Unit #165D**



Analyst



Review

CHAIN OF CUSTODY RECORD

10197

Client: WFX			Project Name / Location: Rosa unit # 165 D			ANALYSIS / PARAMETERS																													
Client Address: Myke Lane			Sampler Name: Glenn Shelby			<table border="1"> <tr> <td rowspan="2">TPH (Method 8015)</td> <td rowspan="2">BTEX (Method 8021)</td> <td rowspan="2">VOC (Method 8260)</td> <td rowspan="2">RCRA 8 Metals</td> <td rowspan="2">Cation / Anion</td> <td rowspan="2">RCI</td> <td rowspan="2">TCLP with H/P</td> <td rowspan="2">PAH</td> <td rowspan="2">TPH (418.1)</td> <td rowspan="2">CHLORIDE</td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2">Sample Cool</td> <td rowspan="2">Sample Intact</td> </tr> <tr></tr> </table>														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
TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI																														
Client Phone No.:			Client No.: 04108-0136																																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative																													
						HgCl ₂	HCl																												
Reserve Art	8-13-10	2:45pm	55575	Soil Solid	1				✓	✓							✓	✓			Y	Y													
				Soil Solid																															
				Soil Solid																															
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					8-16-10	10:10 AM						8-16-10	10:15 AM																						
Relinquished by: (Signature)							Received by: (Signature)																												
Relinquished by: (Signature)							Received by: (Signature)																												



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

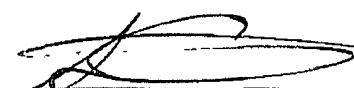
Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-05-10
Laboratory Number:	55382	Date Sampled:	07-29-10
Chain of Custody No:	10088	Date Received:	08-02-10
Sample Matrix:	Soil	Date Extracted:	08-02-10
Preservative:	Cool	Date Analyzed:	08-03-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	2.5	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 Unit #165D



Analyst



Review

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

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-03-10 QA/QC	Date Reported:	08-05-10
Laboratory Number:	55368	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-03-10
Condition:	N/A	Analysis Requested:	TPH

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

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

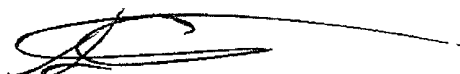
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	14.3	14.4	1.0%	0 - 30%
Diesel Range C10 - C28	16.7	16.8	1.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	14.3	250	273	103%	75 - 125%
Diesel Range C10 - C28	16.7	250	273	103%	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 55382-55387, 55368 and 55377


 Analyst


 Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: WPX
Sample ID: Reserve Pit
Laboratory Number: 55382
Chain of Custody: 10088
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #: 04108-0136
Date Reported: 08-05-10
Date Sampled: 07-29-10
Date Received: 08-02-10
Date Analyzed: 08-03-10
Date Extracted: 08-02-10
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
Total BTEX	ND	

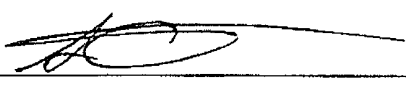
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	102 %
	1,4-difluorobenzene	97.2 %
	Bromochlorobenzene	97.1 %

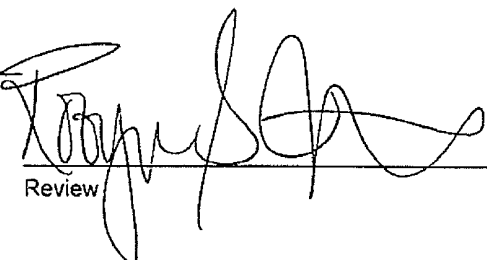
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: Rosa Unit #165D



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: N/A
Sample ID: 0803BBLK QA/QC
Laboratory Number: 55368
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 08-05-10
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08-03-10
Analysis: BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.3846E+007	1.3874E+007	0.2%	ND	0.1
Toluene	9.5430E+006	9.5621E+006	0.2%	ND	0.1
Ethylbenzene	6.7927E+006	6.8063E+006	0.2%	ND	0.1
p,m-Xylene	1.6107E+007	1.6139E+007	0.2%	ND	0.1
o-Xylene	5.4695E+006	5.4805E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.7	1.9	11.8%	0 - 30%	0.9
Toluene	2.7	2.9	7.4%	0 - 30%	1.0
Ethylbenzene	7.7	7.5	2.6%	0 - 30%	1.0
p,m-Xylene	31.5	31.2	1.0%	0 - 30%	1.2
o-Xylene	26.6	25.9	2.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	1.7	50.0	51.6	103%	39 - 150
Toluene	2.7	50.0	50.5	101%	46 - 148
Ethylbenzene	7.7	50.0	50.9	100%	32 - 160
p,m-Xylene	31.5	100	104	101%	46 - 148
o-Xylene	26.6	50.0	53.1	101%	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 55382-55387, 55368 and 55377

Analyst

Review

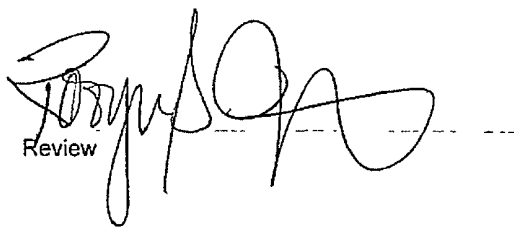
Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	08-04-10
Laboratory Number:	55382	Date Sampled:	07-29-10
Chain of Custody No.	10088	Date Received:	08-02-10
Sample Matrix:	Soil	Date Extracted:	08-04-10
Preservative:	Cool	Date Analyzed:	08-04-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	50.6	8.9

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 Unit #165D


Analyst
Review



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

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	08-04-10
Laboratory Number:	08-04-TPH.QA/QC 55382	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	08-04-10
Preservative:	N/A	Date Extracted:	08-04-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	07-29-10	08-04-10	1,860	1,770	4.8%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	8.9

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	50.6	52.1	3.0%	+/- 30%

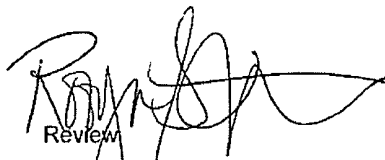
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	50.6	2,000	2,010	98.0%	80 - 120%

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 55382, 55377, 55405, 55408-55411, 55424 and 55428


Analyst


Reviewer



envirotech
Analytical Laboratory

Chloride

Client:	WPX	Project #:	04108-0136
Sample ID:	55382	Date Reported:	08-04-10
Lab ID#:	Reserve Pit	Date Sampled:	07-29-10
Sample Matrix:	Soil	Date Received:	08-02-10
Preservative:	Cool	Date Analyzed:	08-04-10
Condition:	Intact	Chain of Custody:	10088

Parameter

Concentration (mg/Kg)

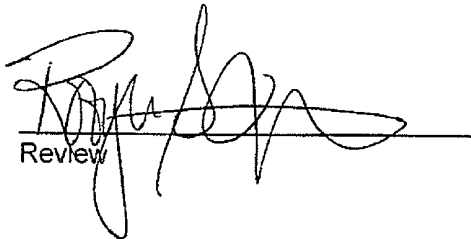
Total Chloride

40

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 Unit #165D**


Analyst


Review

CHAIN OF CUSTODY RECORD

10038

Client: WPX			Project Name / Location: Rosa unit # 165D			ANALYSIS / PARAMETERS																														
Client Address: myke Lane			Sampler Name: Glen Shelby			<table border="1"> <tr> <td rowspan="2">TPH (Method 8015)</td> <td rowspan="2">BTEX (Method 8021)</td> <td rowspan="2">VOC (Method 8260)</td> <td rowspan="2">RCRA 8 Metals</td> <td rowspan="2">Cation / Anion</td> <td rowspan="2">RCI</td> <td rowspan="2">TCLP with H/P</td> <td rowspan="2">PAH</td> <td rowspan="2">TPH (418.1)</td> <td rowspan="2">CHLORIDE</td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2"></td> <td rowspan="2">Sample Cool</td> <td rowspan="2">Sample Intact</td> </tr> <tr></tr> </table>														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
TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI																															
Client Phone No.:			Client No.: 04108-0138																																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative																														
						H ₂ O ₂	HCl																													
Reserve Pit	7-27-10	3:36 PM	55,382	Soil Solid	Sludge Aqueous	1				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Y	Y												
				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
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				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
				Soil Solid	Sludge Aqueous																															
Relinquished by: (Signature) 				Date 8-2-10	Time 3:06 PM	Received by: (Signature) 				Date 8/2/10	Time 3:06 PM																									
Relinquished by: (Signature)						Received by: (Signature)																														
Relinquished by: (Signature)						Received by: (Signature)																														



5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

Meador, Tasha

From: Glenn Shelby [glenn@adobecontractorsinc.com]
Sent: Tuesday, July 20, 2010 1:46 PM
To: Brandon Powell
Cc: Meador, Tasha; Johnny Stinson, Lane, Myke
Subject: Williams cleanups, Rosa Unit 165D

On July 22nd we will be moving equipment and starting the cleanup on the Rosa Unit 165D. If you have any questions call me.

Thanks,

Glenn Shelby
Field Foreman
Adobe Contractors, Inc.
Cell: 320-7187
glenn@adobecontractorsinc.com

7/20/2010

Meador, Tasha

From: Glenn Shelby [glenn@adobecontractorsinc.com]
Sent: Tuesday, July 20, 2010 1:44 PM
To: Sherrie Landon; Randy Mckee; Bob Switzer; Bill Liess; Mark Kelly
Cc: Meador, Tasha; Johnny Stinson; Lane, Myke
Subject: Williams cleanups, Rosa Unit 165D

On July 22nd we will be moving equipment and starting the cleanup on the Rosa Unit 165D. If you have any questions call me.

Thanks,

Glenn Shelby
Field Foreman
Adobe Contractors, Inc.
Cell: 320-7187
glenn@adobecontractorsinc.com

7/20/2010

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No 1004-0135
Expires March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir Use "APPLICATION TO DRILL" for permit for such proposals

5 Lease Designation and Serial No
NMSF-078766

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7 If Unit or CA, Agreement Designation
Rosa Unit

1 Type of Well
Oil Well Gas Well ☒ Other

8 Well Name and No
Rosa Unit 165D

2 Name of Operator
WILLIAMS PRODUCTION COMPANY

9 API Well No
30-039-30690

3 Address and Telephone No
PO Box 640 Aztec, NM 87410-0640 505-634-4208

10 Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK/BASIN MC

4 Location of Well (Footage, Sec , T , R , M , or Survey Description)
SUR 1280' FNL & 1635' FWL
BHL 737' FNL & 1039' FWL SEC 25 31N 6W

11 County or Parish, State
Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

☒ Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

☒ Other Completion

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

10-1-09 – RU BWWC and run CBL, TOC @ 3150'

10-8-09 – MIRU AWS #560 to prep for MC/DK frac

10-9-09 – Pressure test production casing to 1500 psi for 30 min, no leak off DO cement & FC to PBDT @ 8120'

10-10-09 – RDMO AWS #560

10-24-09 – Rigless – Perf Dakota, 8018'-8118', with 66, 0 34" holes Frac Dakota with 5681# 100 mesh BASF followed with 81,169# 40/70 BASF Set Flo-thru BP @ 7588' Perf lower Mancos, 7270'-7440', with 69, 0 34" holes

10-25-09 – Frac lower Mancos with 4984# 100 mesh BASF followed with 99,817# 40/70 BASF Set Flo-thru BP @ 7240' Perf upper Mancos, 6960'-7200', with 75, 0.34" holes Frac upper Mancos with 5089# 100 mesh BASF followed with 110,678# 40/70 BASF

10-31-09 – Rigless – Set CBP @ 6200'

14 I hereby certify that the foregoing is true and correct

Signed _____
Larry Higgins

Title Drilling COM Date 11/20/09

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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

5 LEASE DESIGNATION AND LEASE NO
NMSF-078766

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b TYPE OF COMPLETION
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7 UNIT AGREEMENT NAME

Rosa Unit

2 NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #165D

3 ADDRESS AND TELEPHONE NO

P O Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO

30-039-30690

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At Surface 1280' FNL & 1635' FWL, sec 25, T31N, R6W

At top production interval reported below 737' FNL & 1039' FWL, sec 25, T31N, R6W

At total depth Same

10 FIELD AND POOL, OR WILDCAT

Basin Dakota

11 SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA

Sec 25, T31N, R6W

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

15 DATE
SPUDDED
9-14-09

16 DATE T D
REACHED
9-25-09

17 DATE COMPLETED (READY TO PRODUCE)
11-19-09

14 PERMIT NO
DATE ISSUED
18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6403' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD
8136' MD / 8019' TVD

21 PLUG, BACK T D, MD & TVD
8120' MD / 8003' TVD

22 IF MULTICOMP,
HOW MANY
3 *

23 INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

BASIN DAKOTA 8018'-8118' MD

Commingled with Mesaverde and Mancos per AZT-3269

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

Aray Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL

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
10-3/4", J-55	40 5#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26 4#	3850'	9-7/8"	595 SX - SURFACE	
4-1/2", N-80	11 6 0#	8123'	6-3/4"	580 SX - 3150' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4 7#, N-80 EUE 8rd	8025'	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota Total of 66, 0 34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8018'-8118'	Fraced with 5681# 100 mesh BASF followed with 81,169# 40/70 mesh BASF

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 tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-18-09	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	270 lb				388 mcf/d		

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

TEST WITNESSED BY Weldon Higgins

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 Drilg COM DATE 11-20-09

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

5 LEASE DESIGNATION AND LEASE NO
NMSF-078766

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL F OIL WELL ☒ GAS WELL DRY OTHER

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

7 UNIT AGREEMENT NAME

Rosa Unit

2 NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #165D

3 ADDRESS AND TELEPHONE NO

P O Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO

30-039-30690

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At Surface 1280' FNL & 1635' FWL, sec 25, T31N, R6W

At top production interval reported below 737' FNL & 1039' FWL, sec 25, T31N, R6W

At total depth Same

10 FIELD AND POOL, OR WILDCAT

Basin Mancos

11 SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA

Sec 25, T31N, R6W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

15 DATE
SPUDDED
9-14-09

16 DATE T D
REACHED
9-25-09

17 DATE COMPLETED (READY TO PRODUCE)
11-19-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6403' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD
8136' MD / 8019' TVD

21 PLUG, BACK T D, MD & TVD
8120' MD / 8003' TVD

22 IF MULTICOMP,
HOW MANY
3 *

23 INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

BASIN MANCOS 6960'-7440' MD

Commungled with Mesaverde and Dakota per AZT-3269

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL

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
10-3/4", J-55	40 5#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26 4#	3850'	9-7/8"	595 SX - SURFACE	
4-1/2", N-80	11 6 0#	8123'	6-3/4"	580 SX -3150' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4 7#, N-80 EUE 8rd	8025'	none

31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

Upper MC Total of 75, 0 34" holes

6960'-7200'

Faced with 5089# 100 mesh BASF followed with 110,678# 40/70 mesh BASF

Lower MC Total of 69, 0 34" holes

7270'-7440'

Faced with 4984# 100 mesh BASF followed with 99,817# 40/70 mesh BASF

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 tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-18-09	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	270 lb				598 mcf/d		

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

TEST WITNESSED BY Weldon Higgins

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 11-20-09

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

5 LEASE DESIGNATION AND LEASE NO NMSF-078766						
6 IF INDIAN, ALLOTTEE OR						
7 UNIT AGREEMENT NAME Rosa Unit						
8 FARM OR LEASE NAME, WELL NO Rosa Unit #165D						
9 API WELL NO 30-039-30690						
10 FIELD AND POOL, OR WILDCAT Blanco Mesaverde						
11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA Sec 25, T31N, R6W						
12 COUNTY OR Rio Arriba		13 STATE New Mexico				
19 ELEVATION CASINGHEAD						
15 DATE SPUDDED 9-14-09		16 DATE T D REACHED 9-25-09		17 DATE COMPLETED (READY TO PRODUCE) 11-19-09		
20 TOTAL DEPTH, MD & TVD 8136' MD / 8019' TVD		21 PLUG, BACK T D, MD & TVD 8120' MD / 8003' TVD		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6403' GR		
22 IF MULTICOMP, HOW MANY 3*		23 INTERVALS DRILLED BY		ROTARY TOOLS x		
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE 5534'-6030' MD Commingled with Mancos and Dakota per AZT-3269		25 WAS DIRECTIONAL SURVEY MADE YES		27 WAS WELL CORED No		
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL						
28 CASING REPORT (Report all strings set in well)						
CASING SIZE/GRADE		WEIGHT, LB / FT		DEPTH SET (MD)		
10-3/4", J-55		40 5#		317'		
7-5/8", K-55		26 4#		3850'		
4-1/2", N-80		11 6 0#		8123'		
29 LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
30 TUBING RECORD		SIZE		DEPTH SET (MD)		
		2 3/4", 4 7#, N-80 EUE 8rd		8025'		
31 PERFORATION RECORD (Interval, size, and number)		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		AMOUNT AND KIND OF MATERIAL USED		
		DEPTH INTERVAL (MD)				
Upper MV Total of 46, 0 3/4" holes		5534'-5768'		Fraced with 78,828# 20/40 mesh BASF		
Lower MV Total of 47, 0 3/4" holes		5800'-6030'		Fraced with 90,983# 20/40 mesh BASF		
33 PRODUCTION						
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing			WELL STATUS (PRODUCING OR SI) SI - waiting on tie-in	
DATE OF TEST 11-18-09		TESTED 2 hr		CHOKE SIZE 1/2"		
FLOW TBG PRESS 0		CASING PRESSURE 270 lb		CALCULATED 24-HOUR RATE		
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD		PROD'N FOR TEST PERIOD		OIL - BBL		
				GAS - MCF		
				WATER - BBL		
				GAS-OIL RATIO		
				OIL GRAVITY-API (CORR)		
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 11-20-09						

The logo for William's, featuring the brand name in a stylized, italicized font with a swoosh underline.

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling	Workover	X Completion	Inspection: Daily (Rig)	Weekly (Tech)
--------------------	----------	--------------	-------------------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/18/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
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Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
-----------	----------	----------	--------------	-------------	-------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/17/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/16/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title, rig consultant			
Date: 11/15/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
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Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/14/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/13/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/12/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
---------------------------------------	--------------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/11/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File: EH&S Well Files

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Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
---------------------------------------	--------------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/10/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File: EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/09/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/08/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File EH&S Well Files

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/07/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
-----------	----------	----------	--------------	-------------	-------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/06/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File: EH&S Well Files

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720 So. Main / PO Box 640
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/05/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File. EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 11/01/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling	Workover	X Completion	Inspection: Daily (Rig)	Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/31/09		Phone: 505-320-4871	

Record Retention. Submit with Closure
File EH&S Well Files

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling	Workover	X Completion	Inspection: Daily (Rig)	Weekly (Tech)
--------------------	----------	--------------	-------------------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/30/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
-----------	----------	----------	--------------	-------------	-------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/29/09 Phone: 505-320-4871			

Record Retention: Submit with Closure
File. EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling	Workover	X Completion	Inspection: Daily (Rig)	Weekly (Tech)
--------------------	----------	--------------	-------------------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/28/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/27/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type:	Drilling	Workover	X Completion	Inspection:	Daily (Rig)	Weekly (Tech)
-----------	----------	----------	--------------	-------------	-------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/26/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
---------------------------------------	--------------------------

Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/25/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File EH&S Well Files

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720 So. Main / PO Box 640
Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165D	API #: 30 - 039 -
--------------------------------	-------------------

Pit Type: Drilling	Workover	X Completion	Inspection: Daily (Rig)	Weekly (Tech)
--------------------	----------	--------------	-------------------------	---------------

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 10/24/09		Phone: 505-320-4871	

Record Retention Submit with Closure
File: EH&S Well Files

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/28/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File. EH&S

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/27/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File. EH&S

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720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/26/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File. EH&S

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720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/25/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/24/2009 Phone: (505) 486-1935		

Record Retention. Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
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Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/23/2009 Phone: (505) 486-1935		

Record Retention. Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/22/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/21/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/20/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/19/2009 Phone: (505) 486-1935		

Record Retention Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/18/2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File. EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

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Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/15/2009 Phone: (505) 793-1276		

Record Retention Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #165-D	API #: 30-039-30690
---------------------------------	---------------------

Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

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Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comment:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 9/14/2009 Phone: (505) 793-1276		

Record Retention: Submit with Closure
File: EH&S

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

dk/me/mv 165d	API #: 30=039-30690
---------------	---------------------

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: x <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	x <input type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Repo 4/12/10
Pit Properly Fenced (no fence on rig side if on site)	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	x <input type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: Tommy Clements		
Printed Name: Tommy Clements		
Title:		
Date:		
Phone:		

Record Retention. Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

dk/me/mv 165d	API #: 30=039-30690
---------------	---------------------

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: x <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	x <input type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Repo 4/26/10
Pit Properly Fenced (no fence on rig side if on site)	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	x <input type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: Tommy Clements		
Printed Name: Tommy Clements		
Title:		
Date:		
Phone:		

Record Retention. Submit with Closure
File: EH&S Well Files

Exploration & Production
San Juan Basin Operations
720 So. Main / PO Box 640
Aztec, NM 87410
505-634-4200 / 505-634-4205 fax



Temporary Pit Inspection

FACILITY INFORMATION

dk/me/mv 165d	API #: 30=039-30690
---------------	---------------------

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: x <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
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Pit Liner intact (no visible tears)	x <input type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Repo 4/12/10
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Flare Pit free of liquids	x <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: Tommy Clements		
Printed Name: Tommy Clements		
Title:		
Date:		
Phone:		

Record Retention: Submit with Closure
File. EH&S Well Files

WILLIAMS BROS
DO SAN QUIN 115D
WIRG SELE
SHIN RLEW
RIO ARRIBA CO
IN PLAGE BURNAL

08.13.2010

08-18-2010



Exploration & Production
PO Box 640
Aztec, NM 87410
505/634-4219
505/634-4205 fax



Transmittal

To: Brandon Powell
NMOCD
1000 Rio Brazos Road
Aztec, New Mexico 87410

From: Tasha Meador
San Juan- Permitting Technician
505-634-4241
tasha.meador@williams.com

Date:

Re: Supplemental Submittal

Temporary Pit Closure report: NMOCD Permit # 6910

Enclosed and per your direction, please find our supplemental submittal for the referenced temporary pit closure report.

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
Williams Exploration & Production
721 S Main Aztec, NM
Office: 505-634-4200
Direct: 505-634-4241
Fax: 505-634-4205
tasha.meador@williams.com

Encl:

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 & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
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 30-039-30690	² Pool Code 97232 / 72319 / 71599	³ Pool Name BASIN MANCOS / BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 17033	⁵ Property Name ROSA UNIT	⁶ Well Number 165D
⁷ OGRID No. 120782	⁸ Operator Name WILLIAMS PRODUCTION COMPANY	⁹ Elevation 6403'

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
C	25	31N	6W		1280	NORTH	1635	WEST	RIO ARriba

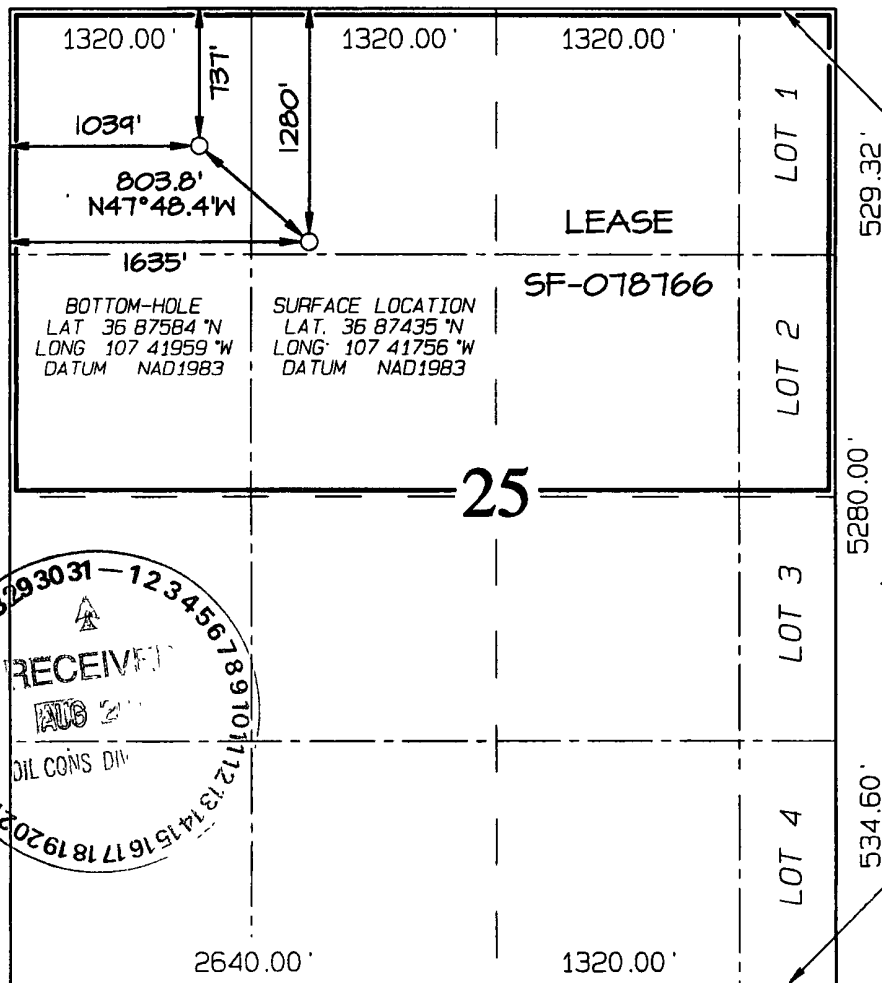
¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	31N	6W		737	NORTH	1039	WEST	RIO ARriba

¹² Dedicated Acres 272.16 Acres - N/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
---	-------------------------------	----------------------------------	------------------------

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

¹⁶



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

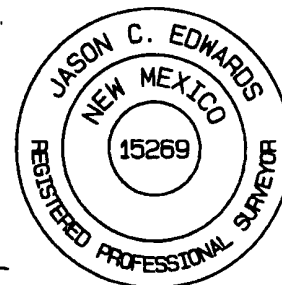
Tasha Meador 8/31/11
Signature Date
Tasha Meador
Printed Name

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 Revised: OCTOBER 13, 2009
Date of Survey: MAY 17, 2009

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

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. 30-039-30690					
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN					
		3. State Oil & Gas Lease No SF-078766					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
4. Reason for filing <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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			
				6. Well Number Rosa Unit #165D			
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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	
Surface:							
BH:							
13. Date Spudded	14. Date T D Reached	15. Date Rig Released 11/20/2009		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)	
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		AMOUNT PULLED	
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH 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	
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							
33. If an on-site burial was used at the well, report the exact location of the on-site burial							
Latitude 36.87435 Longitude 107.41756 NAD 1927 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 <u>Tasha Meador</u>		Printed Name					
Signature <u>Tasha Meador</u>		Title <u>Permit Technician</u>		Date <u>8/31/11</u>			
E-mail Address <u>tasha.meador@williams.com</u>							