

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.

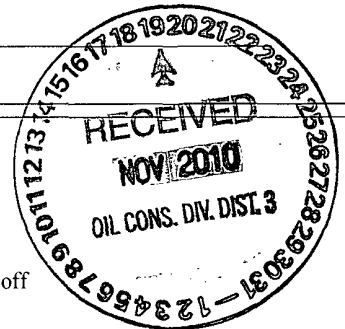
1.  
Operator: Williams Operating Co, LLC OGRID #: 120782  
Address: PO Box 640 / 721 S Main Aztec, NM 87410  
Facility or well name: Rosa Unit 152D  
API Number: 30-043-34081 30 778 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr M Section 36 Township 32N Range 6W County: Rio Arriba  
Center of Proposed Design: Latitude 36.93079N Longitude -107.41611W 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 \_\_\_\_\_

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



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

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

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

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

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

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input 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

11.

**Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☒ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_

☐ Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

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

14.

**Proposed Closure:** 19.15.17.13 NMAC**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☒ Drilling ☒ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System

☐ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

☒ On-site Closure Method (Only for temporary pits and closed-loop systems)

☐ In-place Burial ☐ On-site Trench Burial

☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.

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

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

16.

**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)**Instructions:** Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

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

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

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☐ No
*Required for impacted areas which will not be used for future service and operations:*

- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

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

- |   |  |
|---|--|
| Ground water is less than 50 feet below the bottom of the buried waste.   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> NA  |
| Ground water is between 50 and 100 feet below the bottom of the buried waste  | <input type="checkbox"/> Yes <input type="checkbox"/> No                       |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> NA  |
| Ground water is more than 100 feet below the bottom of the buried waste.  | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <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).   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - Topographic map; Visual inspection (certification) of the proposed site   |  |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image   |  |
| 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. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site  |  |
| 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.  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - Written confirmation or verification from the municipality; Written approval obtained from the municipality   |  |
| Within 500 feet of a wetland.   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  |  |
| Within the area overlying a subsurface mine.  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division   |  |
| Within an unstable area.  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map   |  |
| Within a 100-year floodplain.   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            |
| - FEMA map  |  |

18.

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

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

19.

**Operator Application Certification:**

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

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

Title: \_\_\_\_\_

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

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

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

Telephone: \_\_\_\_\_

20.

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

OCD Representative Signature: \_\_\_\_\_

Approval Date: 2/18/11Title: Compliance Officer

OCD Permit Number: \_\_\_\_\_

21.

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

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

☒ Closure Completion Date: 6/14/2010

22.

**Closure Method:**

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

23.

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

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

Disposal Facility Name: \_\_\_\_\_

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

Disposal Facility Name: \_\_\_\_\_

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

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

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

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

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

24.

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

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

On-site Closure Location: Latitude 36.93079 Longitude -107.41611 NAD: ☐ 1927 ☒ 1983

25.

**Operator Closure Certification:**

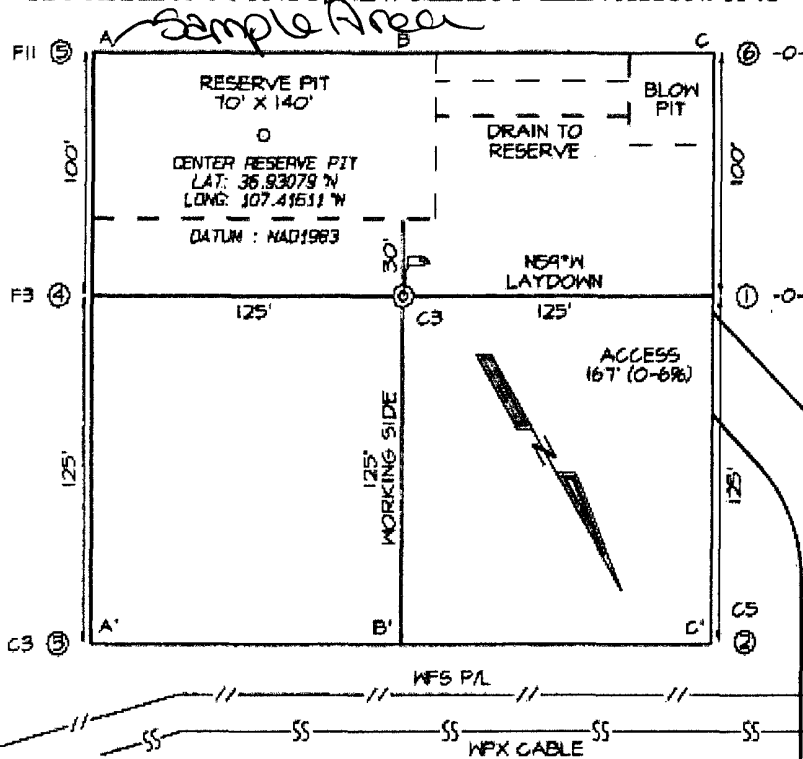
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Vanessa FieldsTitle: EH&S Coordinator

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

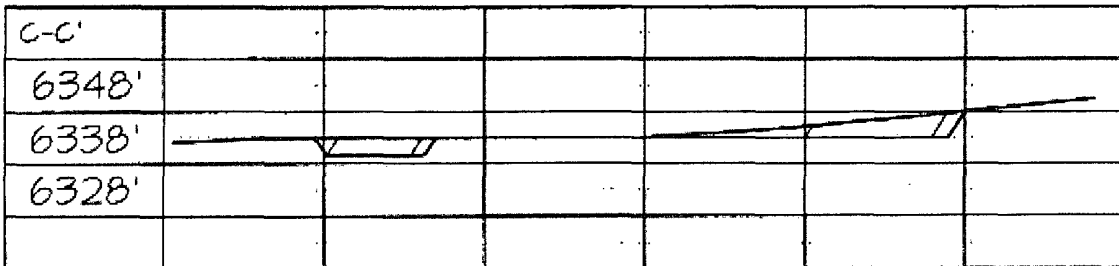
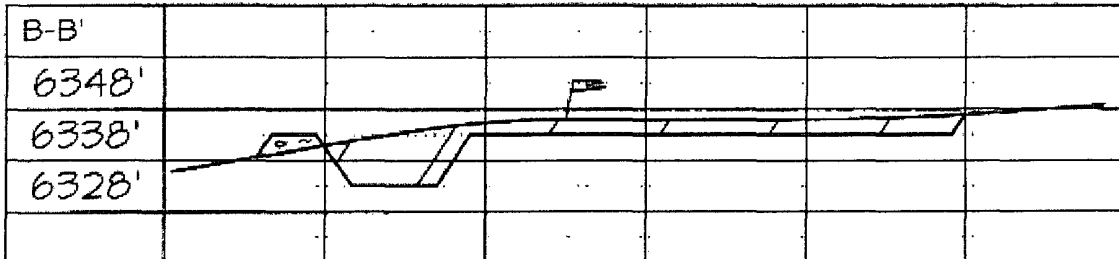
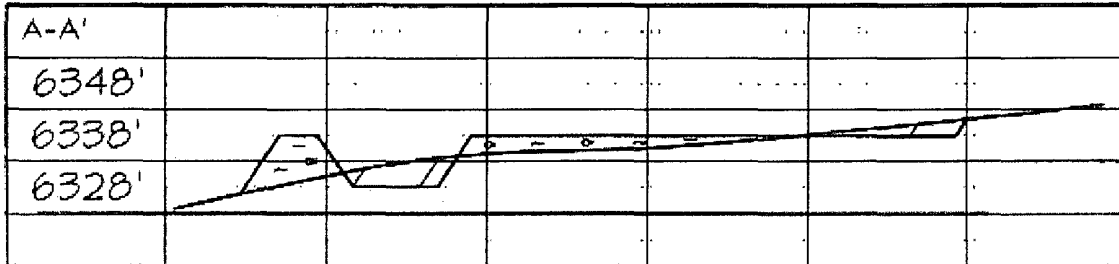
Date: 11/16/2010e-mail address: vanessa.fields@williams.comTelephone: 505-634-4209

**WILLIAMS PRODUCTION COMPANY ROSA UNIT #152D**  
**550' FSL & 450' FWL, SECTION 36, T32N, R6W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6341'**



LATITUDE: 36.93102° N  
 LONGITUDE: 107.41616° W  
 DATUM: NAD1983

Steel T-Poles have been set to define the Edge of Disturbance limits which are set offset from the edge of the stabilized wellpad.



FILENAME: 52656MT2

SHEET 2 OF 5

NCE SURVEYS, INC.

DRAWN BY: EDO

CHECKED BY: JCE

**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 # 152D  
**API No:** 30-04534981  
**Location:** M-S#36 #-T# 32N#R# 06#W, 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 stockpiles soils.  
To the extent practical, free liquids were pulled from the reserve pit following the completion rig off. Haul dates was 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 (6/18/2009)
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 reseeded in progress.  
Drill rig-off (7/19/2009) Request for transfer to completion rig submitted 7/29/2009)) to OCD Aztec District Office, Completion rig-off (9/24/10). Pit covered 6/22/10. 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 (6/7/2010) is 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 use a combination of natural drying and mechanical mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed safe and stable. The mixing ratio shall not exceed 3 parts non-waste to 1 part pit contents.

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 ration was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed (6/19/2010)

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	0.003
BTEX	EPA SW-846 Method 8021B or 8260B	50	0.034
TPH	EPA SW-846 Method 418.1	2500	144
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	57.3
Chlorides	EPA SW-846 Method 300.1	500	30

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 stormwater 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 (6/22/10)

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, SM 36-T32N-R06 W-F, "Pit Burial" (photo attached). Steel marker set (6/21/2010).

1. .



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

Client: WPX  
Sample ID: Reserve Pit  
Laboratory Number: 54851  
Chain of Custody No: 9736  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact


Project #: 04108-0130  
Date Reported: 06-29-10  
Date Sampled: 06-21-10  
Date Received: 06-23-10  
Date Extracted: 06-25-10  
Date Analyzed: 06-28-10  
Analysis Requested: 8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.6	0.2
Diesel Range (C10 - C28)	52.7	0.1
Total Petroleum Hydrocarbons	57.3	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 #152 D

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review



EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

Quality Assurance Report

Client: QA/QC  
Sample ID: 06-28-10 QA/QC  
Laboratory Number: 54851  
Sample Matrix: Methylene Chloride  
Preservative: N/A  
Condition: N/A

Project #: N/A  
Date Reported: 06-29-10  
Date Sampled: N/A  
Date Received: N/A  
Date Analyzed: 06-28-10  
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	4.6	4.9	6.5%	0 - 30%
Diesel Range C10 - C28	52.7	51.9	1.5%	0 - 30%


Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	4.6	250	254	99.9%	75 - 125%
Diesel Range C10 - C28	52.7	250	302	100%	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 54851-54853; 54875-54881

  
Analyst

  
Review



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	WPX	Project #:	04108-0130
Sample ID:	Reserve Pit	Date Reported:	06-29-10
Laboratory Number:	54851	Date Sampled:	06-21-10
Chain of Custody:	9736	Date Received:	06-23-10
Sample Matrix:	Soil	Date Analyzed:	06-28-10
Preservative:	Cool	Date Extracted:	06-25-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3.0	0.9
Toluene	6.1	1.0
Ethylbenzene	3.5	1.0
p,m-Xylene	13.2	1.2
o-Xylene	8.2	0.9
Total BTEX	34.0	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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 #152 D

  
Analyst

  
Review



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0628BBLK QA/QC	Date Reported:	06-29-10
Laboratory Number:	54871	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-28-10
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	1.2821E+006	1.2847E+006	0.2%	ND	0.1
Toluene	1.1804E+006	1.1827E+006	0.2%	ND	0.1
Ethylbenzene	1.0715E+006	1.0737E+006	0.2%	ND	0.1
p,m-Xylene	2.6845E+006	2.6899E+006	0.2%	ND	0.1
o-Xylene	9.8301E+005	9.8498E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	7.1	6.6	7.0%	0 - 30%	0.9
Toluene	2.8	2.2	21.4%	0 - 30%	1.0
Ethylbenzene	2.0	2.6	30.0%	0 - 30%	1.0
p,m-Xylene	2.9	3.7	27.6%	0 - 30%	1.2
o-Xylene	8.0	10.3	28.8%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	7.1	50.0	50.2	87.9%	39 - 150
Toluene	2.8	50.0	44.9	85.0%	46 - 148
Ethylbenzene	2.0	50.0	44.8	86.1%	32 - 160
p,m-Xylene	2.9	100	88.3	85.8%	46 - 148
o-Xylene	8.0	50.0	44.5	76.7%	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 54851-54853; 54871, 54878-54881

  
Analyst

  
Review



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client:	WPX	Project #:	04108-0130
Sample ID:	Reserve Pit	Date Reported:	06-29-10
Laboratory Number:	54851	Date Sampled:	06-21-10
Chain of Custody No:	9736	Date Received:	06-23-10
Sample Matrix:	Soil	Date Extracted:	06-28-10
Preservative:	Cool	Date Analyzed:	06-28-10
Condition:	Intact	Analysis Needed:	TPH-418.1


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	144	9.4

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 #152 D

  
Analyst

  
Review



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS  
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06-29-10
Laboratory Number:	06-28-TPH.QA/QC 54901	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-28-10
Preservative:	N/A	Date Extracted:	06-28-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-03-10	06-28-10	1,686	1,770	5.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	9.4

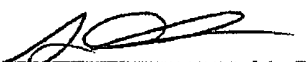
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	10.8	13.5	25.0%	+/- 30%

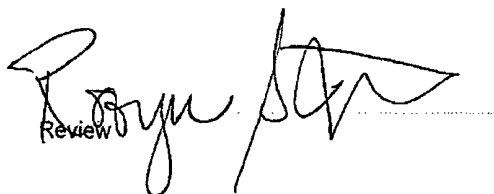
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	10.8	2,000	1,750	87.0%	80 - 120%

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 54880; 54898-54902; 54851-54853;

  
Analyst

  
Review



## Chloride

Client:	WPX	Project #:	04108-0130
Sample ID:	Reserve Pit	Date Reported:	06-29-10
Lab ID#:	54851	Date Sampled:	06-21-10
Sample Matrix:	Soil	Date Received:	06-23-10
Preservative:	Cool	Date Analyzed:	06-24-10
Condition:	Intact	Chain of Custody:	9736

### Parameter

### Concentration (mg/Kg)

**Total Chloride**

**30**

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 #152 D

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review



09736

06.21.2010

1807



PROD  
ROSA UNIT  
UNITED STATES  
IN DEPT  
RIO DE JANEIRO  
T. P. de C. de C.

06:21:2010

## Fields, Vanessa

---

**From:** johnny@adobecontractorsinc.com  
**Sent:** Friday, November 12, 2010 8:09 AM  
**To:** Fields, Vanessa  
**Subject:** FW: Williams cleanups, Rosa Unit 152D

Vanessa, there is not a notice to the BLM on this one because it's on state surface.

Johnny Stinson  
Gen. Manager/ Adobe Contractors  
Office: (505)632-1486  
Mobile: (505)320-6076  
[johnny@adobecontractorsinc.com](mailto:johnny@adobecontractorsinc.com)

---

**From:** Glenn Shelby [mailto:[glenn@adobecontractorsinc.com](mailto:glenn@adobecontractorsinc.com)]  
**Sent:** Monday, June 07, 2010 4:40 PM  
**To:** Brandon Powell  
**Cc:** Johnny Stinson; Tasha Meador; Myke Lane  
**Subject:** Williams cleanups, Rosa Unit 152D

On June 10th we will start backfilling the reserve pit on the Rosa Unit 152D. If you have any questions give me a call.

Thanks,  
Glenn Shelby  
Field Foreman  
Adobe Contractors, Inc.  
Cell: 320-7187  
[glenn@adobecontractorsinc.com](mailto:glenn@adobecontractorsinc.com)

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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

Form C-103  
June 19, 2008

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

WELL API NO.

30-039-30778

5. Indicate Type of Lease  
FEE X

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Rosa Unit

8. Well Number  
Rosa Unit #152D

9. OGRID Number  
120782

10. Pool name or Wildcat  
11. MV/MCS/DK

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well x ☒ Other

2. Name of Operator  
Williams Production Company, LLC

3. Address of Operator  
P.O. Box 640 Aztec, NM 87410

4. Well Location

Unit Letter M, 550 feet from the SOUTH line and 450 feet from the WEST line

Section 36 Township 32N Range 06W NMPM County RIO ARRIBA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6341'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Completion

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7-29-09 - MIRU AWS #266 - Run CBL, TOC @ 3340'. Test 5-1/2" casing to 1500 psi for 30 min, no leak off

7-30-09 - DO cement to PBTD @ 8041'

7-31-09 - MOL with AWS #266

8-24-09 - Rigless - Perf Dakota, 7912'-8037', with 78, 0.34" holes

8-25-09 - Frac Dakota with 5100# 100 mesh BASF followed with 121,600# BASF

8-26-09 thru 8-30-09 - Flow test Dakota

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

SIGNATURE \_\_\_\_\_ TITLE Drilling COM. DATE 9/30/2009

Type or print name Larry Higgins E-mail address: Larry.Higgins@williams.com PHONE: 505-634-4208

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008					
								1. WELL API NO. 30-039-30778			
								2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN			
								3. State Oil & Gas Lease No.			
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>											
4. Reason for filing:  <b>X COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Rosa Unit			
								6. Well Number:  Rosa Unit #152D			
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 Company, LLC								9. OGRID    120782			
10. Address of Operator    P.O. Box 640, Aztec, NM 87410								11. Pool name or Wildcat Basin Dakota			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
<b>Surface:</b>	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARriba	
<b>BH:</b>											
13. Date Spudded 7-6-09	14. Date T.D. Reached 7-17-09	15. Date Rig Released 7-19-09			16. Date Completed (Ready to Produce) 9-24-09			17. Elevations (DF and RKB, RT, GR, etc.) 6341'			
18. Total Measured Depth of Well 8052'			19. Plug Back Measured Depth 8041' MD			20. Was Directional Survey Made? NO		21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN DAKOTA: 7912'-8037'											
<b>23. CASING RECORD (Report all strings set in well)</b>											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface			
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface			
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl			
<b>24. LINER RECORD</b>											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN							
				2.375", 4.7#, J-55							
<b>25. TUBING RECORD</b>											
SIZE	DEPTH SET		PACKER SET								
	7962'		No								
26. Perforation record (interval, size, and number)  Basin Dakota: Total of 78, 0.34" holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						7912-8037'		5100# 100 mesh & 121,600# 40/70			
<b>28. PRODUCTION</b>											
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Commingled with Mancos & Mesaverde per AZT-3228					Well Status ( <i>Prod. or Shut-in</i> ) Waiting on tie in				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
9-23-09	2	1/2"									
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )					
0	560 lb	840 mcf/d									
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) vented								30. Test Witnessed By Buddy Banks			
31. List Attachments											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit											
33. If an on-site burial was used at the well, report the exact location of the on-site burial:											
Latitude				Longitude				NAD 1927 1983			

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008										
		1. WELL API NO. 30-039-30778		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No.										
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																
4. Reason for filing:  <b>X COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Rosa Unit  6. Well Number:  Rosa Unit #152D										
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 Company, LLC						9. OGRID    120782										
10. Address of Operator    P.O. Box 640, Aztec, NM 87410						11. Pool name or Wildcat Basin Mancos										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County						
<b>Surface:</b>	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARRIBA						
<b>BH:</b>																
13. Date Spudded 7-6-09	14. Date T.D. Reached 7-17-09	15. Date Rig Released 7-19-09		16. Date Completed (Ready to Produce) 9-24-09			17. Elevations (DF and RKB, RT, GR, etc.) 6341'									
18. Total Measured Depth of Well 8052'		19. Plug Back Measured Depth 8041' MD		20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL									
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN MANCOS 6820'-7286'																
<b>23. CASING RECORD (Report all strings set in well)</b>																
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED						
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface								
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface								
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl								
<b>24. LINER RECORD</b>																
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN												
				2.375", 4.7#, J-55												
<b>25. TUBING RECORD</b>																
SIZE	DEPTH SET		PACKER SET													
	7962'		None													
26. Perforation record (interval, size, and number)  Upper Mancos: Total of 78, 0.34" holes Lower Mancos: Total of 63, 0.34" holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>6820'-7070'</td> <td>5000# 100 mesh &amp; 84,964# 40/70</td> </tr> <tr> <td>7151'-7286'</td> <td>5000# 100 mesh &amp; 108,893# 40/70</td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	6820'-7070'	5000# 100 mesh & 84,964# 40/70	7151'-7286'	5000# 100 mesh & 108,893# 40/70
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
6820'-7070'	5000# 100 mesh & 84,964# 40/70															
7151'-7286'	5000# 100 mesh & 108,893# 40/70															
<b>28. PRODUCTION</b>																
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Commingled with Mesaverde & Dakota per AZT-3228				Well Status ( <i>Prod. or Shut-in</i> ) Waiting on tie in										
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio									
9-23-09	2	1/2"														
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )										
0	560 lb	1295 mcf/d														
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) vented							30. Test Witnessed By Buddy Banks									
31. List Attachments																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit																
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																
Latitude				Longitude				NAD 1927 1983								

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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008												
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																		
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Rosa Unit  6. Well Number:  Rosa Unit #152D										
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 Company, LLC						9. OGRID   120782												
10. Address of Operator   P.O. Box 640, Aztec, NM 87410						11. Pool name or Wildcat Blanco Mesaverde												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARRIBA								
BH:																		
13. Date Spudded 7-6-09		14. Date T.D. Reached 7-17-09		15. Date Rig Released 7-19-09		16. Date Completed (Ready to Produce) 9-24-09		17. Elevations (DF and RKB, RT, GR, etc.) 6341'										
18. Total Measured Depth of Well 8052'				19. Plug Back Measured Depth 8041' MD		20. Was Directional Survey Made? NO		21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name BLANCO MESAVERDE: 5173'-5952'																		
<b>23. CASING RECORD (Report all strings set in well)</b>																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface										
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface										
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl										
<b>24. LINER RECORD</b>																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN														
				2.375", 4.7#, J-55														
<b>25. TUBING RECORD</b>																		
SIZE	DEPTH SET		PACKER SET															
	7962'		None															
26. Perforation record (interval, size, and number)  Upper MV: Total of 54, 0.34" holes Lower MV: Total of 71, 0.34" holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>5173-5527'</td> <td>79,800# 20/40 mesh BASF</td> </tr> <tr> <td>5572'-5952'</td> <td>80,700# 20/40 mesh BASF</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5173-5527'	79,800# 20/40 mesh BASF	5572'-5952'	80,700# 20/40 mesh BASF		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
5173-5527'	79,800# 20/40 mesh BASF																	
5572'-5952'	80,700# 20/40 mesh BASF																	
<b>28. PRODUCTION</b>																		
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Commingled with Mancos & Dakota per AZT-3228					Well Status ( <i>Prod. or Shut-in</i> ) Waiting on tie in											
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio											
9-23-09	2	1/2"																
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )												
0	560 lb	1365 mcf/d																
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) vented								30. Test Witnessed By Buddy Banks										
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit																		
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude				Longitude				NAD 1927 1983										



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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	

Comments:	
Inspector Signature: Dwayne Miller	
Printed Name: Dwayne Miller	
Title: Tech	
Date: 3-30-2010	Phone: (505)320-7737

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

Exploration & Production  
San Juan Basin Operations  
720 So. Main / PO Box 640  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	

Comments:	
Inspector Signature: Dwayne Miller	
Printed Name: Dwayne Miller	
Title: Tech	
Date: 4-8-2010	Phone: (505)320-7737

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input checked="" type="checkbox"/> Weekly (Tech)
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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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 4-16-2010 Phone: (505)320-7737		

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 #152D	API #: 30-039-30778

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) x <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 Reported to EH&S:
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 x <input 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: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 4-23-2010 Phone: (505)320-7737		

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input checked="" type="checkbox"/> Weekly (Tech)
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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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 5-07-2010 Phone: (505)320-7737		

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

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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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 5-21-2010 Phone: (505)320-7737		

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 #152D	API #: 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 5-14-2010 Phone: (505)320-7737		

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

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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 #152D	API #: 30-039-30778

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) x <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 Reported to EH&S:
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 x <input 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: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 12-4-09 Phone: (505)320-7737		

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



Exploration & Production  
San Juan Basin Operations  
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505-634-4200 / 505-634-4205 fax



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 12-11-09 Phone: (505)320-7737		

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	

Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 12-18-09		Phone: (505)320-7737

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 12-22-09 Phone: (505)320-7737		

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 #152D	API #: 30-039-30778

Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) x <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 Reported to EH&S:
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 x <input 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: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 12-29-09 Phone: (505)320-7737		

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

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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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 3-5-2010 Phone: (505)320-7737		

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

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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 #152D	API #: 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 3-19-2010 Phone: (505)320-7737		

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 #152-D

API #: 30-039-30778

Pit Type: ☒ Drilling ☐ Workover ☐ Cavitation Inspection: ☒ Daily ☐ Weekly ☐ 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	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 7/7/2009 Phone: (505) 793-0528		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa Unit #152-D	API #: 30-039-30778
---------------------------------	---------------------

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	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 7/8/2009 Phone: (505) 793-0528		

Record Retention: Submit with Closure  
File: EH&S



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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa Unit #152-D	API #: 30-039-30778
---------------------------------	---------------------

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	

Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 7/9/2009 Phone: (505) 793-0528		

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 #152-D	API #: 30-039-30778
---------------------------------	---------------------

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	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT (T.D.C.I.)		
Date: 7/10/2009 Phone: (505) 793-0528		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa Unit #152-D	<b>API #:</b> 30-039-30778
--	----------------------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <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	

Comments:
-----------

Inspector Signature: WILLIE MOCK
----------------------------------

Printed Name: WILLIE MOCK
---------------------------

Title: DRILLING CONSULTANT (T.D.C.I.)
---------------------------------------

Date: 7/11/2009	Phone: (505) 793-0528
-----------------	-----------------------

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 #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/12/ 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 #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/13/ 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

<b>Facility Name:</b> ROSA UNIT #152-D	<b>API #:</b> 30-03930778
--	---------------------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/14/ 2009 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: ROSA UNIT #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/15/ 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 #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/16/ 2009 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S



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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: ROSA UNIT #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/17/ 2009 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: ROSA UNIT #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/18/ 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 #152-D	API #: 30-03930778
---------------------------------	--------------------

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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/19/ 2009 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> ROSA UNIT #152-D	<b>API #:</b> 30-03930778
--	---------------------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <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	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 7/20/ 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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 1-8-2010 Phone: (505)320-7737		

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

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



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input checked="" type="checkbox"/> Weekly (Tech)
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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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 1-15-2010 Phone: (505)320-7737		

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

<b>Pit Type:</b> x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) x <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 Reported to EH&S:
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 x <input 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: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 1-29-2010 Phone: (505)320-7737		

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 #152D	API #: 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 2-5-2010 Phone: (505)320-7737		

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

<b>Facility Name:</b> Rosa #152D	<b>API #:</b> 30-039-30778

<b>Pit Type:</b> x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) x <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 Reported to EH&S:
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 x <input 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: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 2-12-2010 Phone: (505)320-7737		

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 #152D	API #: 30-039-30778

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

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 to EH&S:
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	
Does pit have oil or sheen on it?	<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	
Comments:		
Inspector Signature: Dwayne Miller		
Printed Name: Dwayne Miller		
Title: Tech		
Date: 2-25-2010 Phone: (505)320-7737		

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

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008												
		1. WELL API NO. 30-039-30778																
		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN																
		3. State Oil & Gas Lease No.																
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																		
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Rosa Unit  6. Well Number:  Rosa Unit #152D												
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 Company, LLC						9. OGRID    120782												
10. Address of Operator    P.O. Box 640, Aztec, NM 87410						11. Pool name or Wildcat Basin Dakota												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARRIBA								
BH:																		
13. Date Spudded 7-6-09	14. Date T.D. Reached 7-17-09	15. Date Rig Released 7-19-09			16. Date Completed (Ready to Produce) 9-24-09			17. Elevations (DF and RKB, RT, GR, etc.) 6341'										
18. Total Measured Depth of Well 8052'		19. Plug Back Measured Depth 8041' MD			20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN DAKOTA: 7912'-8037'																		
<b>23. CASING RECORD (Report all strings set in well)</b>																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface										
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface										
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl										
<b>24. LINER RECORD</b>																		
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD											
							SIZE		DEPTH SET									
							2.375", 4.7#, J-55		7962'									
									PACKER SET									
									No									
26. Perforation record (interval, size, and number)  Basin Dakota: Total of 78, 0.34" holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>7912-8037'</td> <td>5100# 100 mesh &amp; 121,600# 40/70</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7912-8037'	5100# 100 mesh & 121,600# 40/70				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
7912-8037'	5100# 100 mesh & 121,600# 40/70																	
<b>28. PRODUCTION</b>																		
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Commingled with Mancos & Mesaverde per AZT-3228					Well Status (Prod. or Shut-in) Waiting on tie in											
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio											
9-23-09	2	1/2"																
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)												
0	560 lb	840 mcf/d																
29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented							30. Test Witnessed By Buddy Banks											
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit																		
33. If an on-site burial was used at the well, report the exact location of the on-site burial:  <div style="display: flex; justify-content: space-between;"> <span>Latitude</span> <span>Longitude</span> <span>NAD 1927 1983</span> </div>																		

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008										
						1. WELL API NO. 30-039-30778										
						2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN										
						3. State Oil & Gas Lease No.										
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																
4. Reason for filing:  <b>X COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Rosa Unit										
						6. Well Number:  Rosa Unit #152D										
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 Company, LLC						9. OGRID    120782										
10. Address of Operator    P.O. Box 640, Aztec, NM 87410						11. Pool name or Wildcat Basin Mancos										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County						
<b>Surface:</b>	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARRIBA						
<b>BH:</b>																
13. Date Spudded 7-6-09		14. Date T.D. Reached 7-17-09		15. Date Rig Released 7-19-09		16. Date Completed (Ready to Produce) 9-24-09		17. Elevations (DF and RKB, RT, GR, etc.) 6341'								
18. Total Measured Depth of Well 8052'			19. Plug Back Measured Depth 8041' MD		20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL								
22. Producing Interval(s), of this completion - Top, Bottom, Name BASIN MANCOS 6820'-7286'																
<b>23. CASING RECORD (Report all strings set in well)</b>																
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED						
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface								
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface								
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl								
<b>24. LINER RECORD</b>																
SIZE	TOP		BOTTOM		SACKS CEMENT		SCREEN									
<b>25. TUBING RECORD</b>																
SIZE		DEPTH SET		PACKER SET												
2.375", 4.7#, J-55		7962'		None												
26. Perforation record (interval, size, and number)  Upper Mancos: Total of 78, 0.34" holes Lower Mancos: Total of 63, 0.34" holes																
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>6820'-7070'</td> <td>5000# 100 mesh &amp; 84,964# 40/70</td> </tr> <tr> <td>7151'-7286'</td> <td>5000# 100 mesh &amp; 108,893# 40/70</td> </tr> </tbody> </table>											DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	6820'-7070'	5000# 100 mesh & 84,964# 40/70	7151'-7286'	5000# 100 mesh & 108,893# 40/70
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
6820'-7070'	5000# 100 mesh & 84,964# 40/70															
7151'-7286'	5000# 100 mesh & 108,893# 40/70															
<b>28. PRODUCTION</b>																
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Commingled with Mesaverde & Dakota per AZT-3228					Well Status ( <i>Prod. or Shut-in</i> ) Waiting on tie in									
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio									
9-23-09	2	1/2"														
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )										
0	560 lb	1295 mcf/d														
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) vented								30. Test Witnessed By Buddy Banks								
31. List Attachments																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit																
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																
Latitude				Longitude				NAD 1927 1983								

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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>				<b>Form C-105</b> July 17, 2008				
		1. WELL API NO. 30-039-30778								
		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No.								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  X <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Rosa Unit  6. Well Number:  Rosa Unit #152D				
7. Type of Completion: X 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 Company, LLC						9. OGRID    120782				
10. Address of Operator    P.O. Box 640, Aztec, NM 87410						11. Pool name or Wildcat Blanco Mesaverde				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>	M	36	32N	6W		550	SOUTH	450	WEST	RIO ARriba
<b>BH:</b>										
13. Date Spudded 7-6-09	14. Date T.D. Reached 7-17-09	15. Date Rig Released 7-19-09			16. Date Completed (Ready to Produce) 9-24-09			17. Elevations (DF and RKB, RT, GR, etc.) 6341'		
18. Total Measured Depth of Well 8052'		19. Plug Back Measured Depth 8041' MD			20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector, CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name BLANCO MESAVERDE: 5173'-5952'										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4"		40.5#		312'		14-3/4"		290 sxs - surface		
7-5/8"		26.4#		3686'		9-7/8"		595 sxs - surface		
5-1/2"		17#		8048'		6-3/4"		345 sxs - 3340' cbl		
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE	DEPTH SET	PACKER SET		
						2.375", 4.7#, J-55	7962'	None		
26. Perforation record (interval, size, and number)  Upper MV: Total of 54, 0.34" holes Lower MV: Total of 71, 0.34" holes										
						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5173-5527'		79,800# 20/40mesh BASF		
						5572'-5952'		80,700# 20/40 mesh BASF		
<b>28. PRODUCTION</b>										
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Commingled with Mancos & Dakota per AZT-3228					Well Status ( <i>Prod. or Shut-in</i> ) Waiting on tie in			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
9-23-09	2	1/2"								
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )				
0	560 lb	1365 mcf/d								
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) vented								30. Test Witnessed By Buddy Banks		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. See pit permit										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD 1927 1983		

Form C-100  
Revised October 12, 2000  
Instructions on and  
appropriate distribution to the  
State House - 4 Copies  
Fee House - 3 Copies

2534.06