

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

6824  
**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.

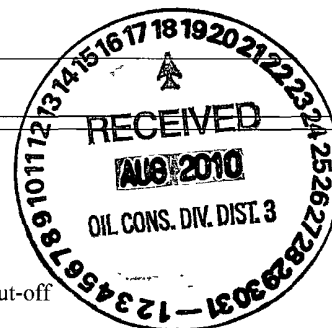
1  
Operator. Williams Operating Co. LLC OGRID #. 120782  
Address. PO Box 640 / 721 S Main Aztec, NM 87410  
Facility or well name Rosa Unit #060B  
API Number. 3004534251 OCD Permit Number. \_\_\_\_\_  
U/L or Qtr/Qtr N Section 4 Township 31N Range 6W County San Juan  
Center of Proposed Design: Latitude 36.92208N Longitude -107.47222W 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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**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 \_\_\_\_\_ BLM Stipulation in APD \_\_\_\_\_

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**Netting:** Subsection E of 19.15 17 11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other \_\_\_\_\_
- ☐ Monthly inspections (If netting or screening is not physically feasible)

8.

**Signs:** Subsection C of 19.15.17.11 NMAC

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☒ Signed in compliance with 19 15.3.103 NMAC

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.

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**Siting Criteria (regarding permitting):** 19 15 17 10 NMAC

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

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

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

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

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

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)

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

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including 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

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

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

☐ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

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

☒ In-place Burial ☐ On-site Trench Burial

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

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

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

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

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

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

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

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

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

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

☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17 13 NMAC

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

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

17.

**Siting Criteria (regarding on-site closure methods only):** 19.15 17 10 NMAC

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

Ground water is less than 50 feet below the bottom of the buried waste.

- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells

☐ Yes ☒ No

☐ NA

Ground water is between 50 and 100 feet below the bottom of the buried waste

- NM Office of the State Engineer - iWATERS database search, USGS; Data obtained from nearby wells

☐ Yes ☒ No

☐ NA

Ground water is more than 100 feet below the bottom of the buried waste.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☒ Yes ☐ No

☐ NA

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application

- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image

☐ Yes ☒ No

Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended

- Written confirmation or verification from the municipality, Written approval obtained from the municipality

☐ Yes ☒ No

Within 500 feet of a wetland

- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within the area overlying a subsurface mine

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area

- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map

☐ Yes ☒ No

Within a 100-year floodplain

- FEMA map

☐ Yes ☒ No

18.

**On-Site Closure Plan Checklist:** (19 15 17 13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17.10 NMAC

☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17 13 NMAC

☒ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15 17 11 NMAC

☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15 17 11 NMAC

☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC

☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15.17 13 NMAC

☒ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)

☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15.17 13 NMAC

☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17 13 NMAC

☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

19.

**Operator Application Certification:**

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

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

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

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

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

OCD Representative Signature: Donald J. Kelly Approval Date: 9/6/2011

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

21.

**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15 17 13 NMAC

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

☒ Closure Completion Date: 6/18/2010

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**Closure Method:**

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

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

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

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

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

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

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

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

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

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

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

On-site Closure Location: Latitude 36.92208N Longitude -107.47222W NAD: ☐ 1927 ☒ 1983

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**Operator Closure Certification:**

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

Name (Print): Michael K. Lane Title Sr EH&S Specialist

Signature: [Signature] Date: 8/18/10

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

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

**Well:** Rosa Unit # 060B  
**API No:** 30-04534251  
**Location:** N S# 04 T#31N R# 06W

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 rigoff. Haul date was 9/4/2009) to Rosa Unit SWD #001 (Order: SWD-916, API: 3003927055).
2. The preferred method of closure for all temporary pits will be on-site closure by in-place burial, provided all the criteria in 19 15 17 13 B are met.  
On-site burial plan for this location was approved by the Aztec District Office on 10/10/2008.
3. The surface owner shall be notified of WPX's proposed closure plan using a means that provides proof of notice (i.e. certified mail/return receipt requested)  
Williams notified the SMA of its intent to use a temporary pit and onsite burial in the Surface Use Plan in the well APD. The SMA was notified by email see attached. No return receipt required per BLM:FFO/NMOCD MOU dated 5/4/09.
4. Within six months of the "rig-off" status occurring WPX will ensure that the temporary pit is covered, recontoured and reseeding in progress.  
Drill rig-off 10/6/2008. Request for transfer to completion rig submitted 10/1/2008 to OCD Aztec District Office, Completion rig-off 7/29/2009 Pit covered 6/18/10. 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 6/1/2010 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 ratio was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed 6/15/2010.

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	ND
BTEX	EPA SW-846 Method 8021B or 8260B	50	0.016
TPH	EPA SW-846 Method 418.1	2500	48.1
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	ND
Chlorides	EPA SW-846 Method 300.1	500	50

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 6/18/2010.

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

12. WPX shall seed the disturbed areas the first growing season after the pit is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintained that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs. *Note: WPX assumes the seeding stipulations including mix and seeding methods specified by the Surface Management Agency (BLM, BOR, USFS, Tribal, etc ) or Land owner as part of a surface use agreement or APD are Division-approved methods unless notified by the Division of their unacceptability.*

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

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

The temporary pit was located with a steel marker meeting the above listed specifications. The marker has the following information welded for future reference: Williams Production, NMSE-078768, SN04-T31N-R06W-F, "Pit Burial" (photo attached). Steel marker set 7/9/2010.



**Meador, Tasha**

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**From:** Glenn Shelby [glenn@adobecontractorsinc.com]  
**Sent:** Tuesday, June 01, 2010 2:45 PM  
**To:** Brandon Powell  
**Cc:** Johnny Stinson; Lane, Myke; Meador, Tasha  
**Subject:** Williams cleanups

June 2nd we will start hauling the cuttings out of the resurve pit from the Rosa Unit 60B to the Bondad Landfill.

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

7/21/2010

**Meador, Tasha**

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**From:** johnny@adobecontractorsinc.com

**Sent:** Friday, June 18, 2010 10:19 AM

**To:** Shepard, Cyd; Riley, Heather; Higgins, Larry; Nichols, Laurel; Lepich, Mark; Lain, Matt; Lane, Myke; Meador, Tasha; Winters, Lacey

**Subject:** Progress report

We are finished with the clean-ups on the RU #160D, 152D and will finish the 60B today. We are working on the 5D, 60C and will start the 72B today. Let me know if you have any questions.

Thanks,

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

7/19/2010



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

Client: WPX  
Sample ID: Reserve Pit  
Laboratory Number: 55101  
Chain of Custody No: 9923  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact


Project #: 04108-0136  
Date Reported: 07-13-10  
Date Sampled: 07-09-10  
Date Received: 07-12-10  
Date Extracted: 07-12-10  
Date Analyzed: 07-13-10  
Analysis Requested: 8015 TPH

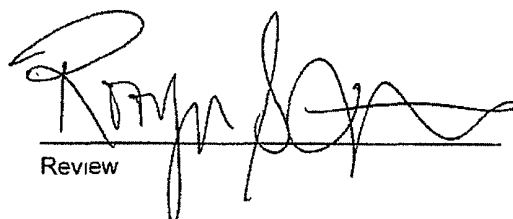
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: Rosa Unit #60 B

  
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Analyst

  
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Review



EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-13-10 QA/QC	Date Reported:	07-13-10
Laboratory Number:	55100	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-13-10
Condition:	N/A	Analysis Requested:	TPH

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

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


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

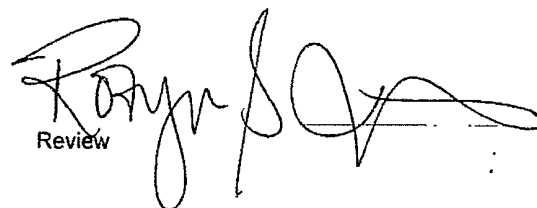
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	255	102%	75 - 125%
Diesel Range C10 - C28	ND	250	255	102%	75 - 125%

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 55100-55104; 55029-55033

  
Analyst

  
Review



**EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS**

Client: WPX  
Sample ID: Reserve Pit  
Laboratory Number: 55101  
Chain of Custody: 9923  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact

Project #: 04108-0136  
Date Reported: 07-13-10  
Date Sampled: 07-09-10  
Date Received: 07-12-10  
Date Analyzed: 07-13-10  
Date Extracted: 07-12-10  
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.2	0.9
Toluene	5.2	1.0
Ethylbenzene	1.0	1.0
p,m-Xylene	3.2	1.2
o-Xylene	4.4	0.9
Total BTEX	16.0	

ND - Parameter not detected at the stated detection limit.

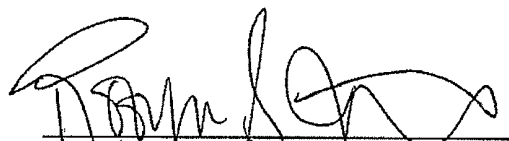
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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 #60 B

  
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Analyst

  
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Review



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0713BBLK QA/QC	Date Reported:	07-13-10
Laboratory Number:	55100	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-13-10
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	6.2538E+006	6.2663E+006	0.2%	ND	0.1
Toluene	4.8929E+006	4.9027E+006	0.2%	ND	0.1
Ethylbenzene	3.6143E+006	3.6215E+006	0.2%	ND	0.1
p,m-Xylene	8.5804E+006	8.5976E+006	0.2%	ND	0.1
o-Xylene	2.9667E+006	2.9727E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	3.0	3.4	13.3%	0 - 30%	0.9
Toluene	6.0	5.6	6.7%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	4.2	4.1	2.4%	0 - 30%	1.2
o-Xylene	4.6	4.4	4.3%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	3.0	50.0	51.6	103%	39 - 150
Toluene	6.0	50.0	51.0	101%	46 - 148
Ethylbenzene	ND	50.0	50.8	102%	32 - 160
p,m-Xylene	4.2	100	100	99.5%	46 - 148
o-Xylene	4.6	50.0	50.0	99.2%	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 55100-55104; 55029-55033

Analyst

Review



**envirotech**  
Analytical Laboratory

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

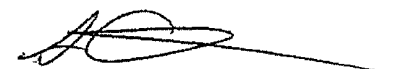
Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-13-10
Laboratory Number:	55101	Date Sampled:	07-09-10
Chain of Custody No:	9923	Date Received:	07-12-10
Sample Matrix:	Soil	Date Extracted:	07-13-10
Preservative:	Cool	Date Analyzed:	07-13-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	48.1	12.4

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 #60 B

  
Analyst

  
Reviewer



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS  
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	07-13-10
Laboratory Number:	07-13-TPH.QA/QC 55104	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	07-13-10
Preservative:	N/A	Date Extracted:	07-13-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	06-30-10	07-13-10	1,716	1,770	3.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	12.4

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	17.9	16.5	7.8%	+/- 30%

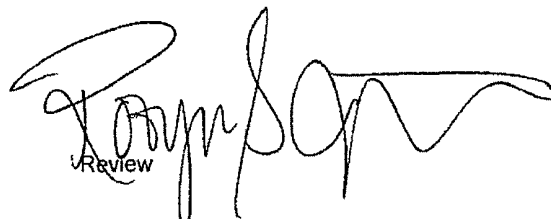
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	17.9	2,000	1,920	95.1%	80 - 120%

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 55100-55104; 55090; 55132-55133

  
Analyst

  
Review





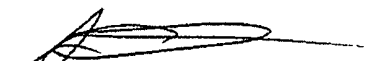
## Chloride

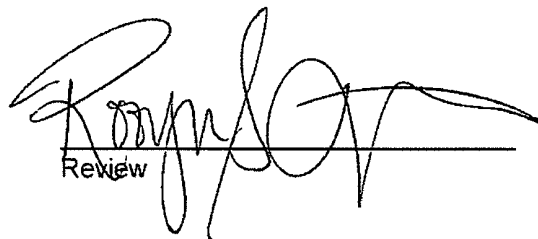
Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-13-10
Lab ID#:	55101	Date Sampled:	07-09-10
Sample Matrix:	Soil	Date Received:	07-12-10
Preservative:	Cool	Date Analyzed:	07-13-10
Condition:	Intact	Chain of Custody:	9923

Parameter	Concentration (mg/Kg)
Total Chloride	50

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 #60 B

  
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Analyst

  
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Review

# CHAIN OF CUSTODY RECORD

09923

Client: WPX			Project Name / Location: Rosa unit # 60 B			ANALYSIS / PARAMETERS													
Client Address: Myke Lane			Sampler Name: Glen Shelby			* TPH (Method 8015)	* BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	FCl	TCLP with H/P	PAH	* TPH (418.1)	* CHLORIDE			Sample Cool	Sample Intact
Client Phone No.:			Client No.: 04108-0136																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H <sub>2</sub> O <sub>2</sub> HCl													
Reserve pit	7-7-10	11:45 AM	55701	Soil Solid	1													Y	Y
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
				Soil Solid															
Relinquished by: (Signature)					Date	Time	Received by: (Signature)					Date	Time						
					7-12-10	8:55 AM						7/12/10	853						
Relinquished by: (Signature)							Received by: (Signature)												
Relinquished by: (Signature)							Received by: (Signature)												



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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

(See other instructions on  
reverse side)

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

5 LEASE DESIGNATION AND LEASE NO  
NMSF-078765

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* SUPPLEMENTAL

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

b TYPE OF COMPLETION WORKOVER DEEPEN PLUG BACK DIFF RESVR ☒ OTHER ADDITIONAL FRACING OF MANCOS FORMATION

7 UNIT AGREEMENT NAME  
Rosa Unit

2 NAME OF OPERATOR  
WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit COM #60B

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

9 API WELL NO  
30-045-34251

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At Surface 275' FSL & 1450' FWL, sec 4, T31N, R6W  
At top production interval reported below  
At total depth

10 FIELD AND POOL, OR WILDCAT  
BASIN MANCOS

11 SEC, T, R, M, OR BLOCK AND  
SURVEY OR AREA  
SE/4 SW/4, Sec4, T31N, R6W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR  
San Juan

13 STATE  
New Mexico

15 DATE  
SPUDDED  
4-7-08

16 DATE T D  
REACHED  
5-19-08

17 DATE COMPLETED (READY TO PRODUCE)  
10-6-08

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6416' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8225' MD

21 PLUG, BACK T D, MD & TVD  
8168'

22 IF MULTICOMP,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS  
x

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
Basin Mancos 6545' - 7810'

25 WAS DIRECTIONAL SURVEY MADE  
NO

26 TYPE ELECTRIC AND OTHER LOGS RUN

27 WAS WELL CORED  
NO

28 CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20", X-52	94#	421'	26"	750 SX - SURFACE	
10-3/4", K-55	45 5#	3666'	14-3/4"	1560 SX - SURFACE	
5-1/2", N-80	17 0#	8224'	6-3/4"	245 SX - 3650' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7-5/8", K-55, 26 4#	3498'	6024'	400 sx TOC - 5900' (CBL)		2 3/5", 4 7#, J-55, EUE 8rd	8045'	none

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size, and number)

1<sup>st</sup> stage 7670' - 7687' Total of 24, 0 3/4" holes

2<sup>nd</sup> stage 7415' - 7535' Total of 75, 0 3/4" holes

3<sup>rd</sup> stage 7150' - 7270' Total of 27, 0 3/4" holes

4<sup>th</sup> stage 6930' - 7074' Total of 30, 0 3/4" holes

5<sup>th</sup> stage 6805' - 6895' Total of 30, 0 3/4" holes

6<sup>th</sup> stage 6545' - 6740' Total of 42, 0 3/4" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7670' - 7687'	Fracced with 8140# 100 white mest sand followed w/8540# 40/70 white sand
7415' - 7535'	Fracced with 7500# 100 white mesh sand followed w/26500# 40/70 white sand
7150' - 7270'	Fracced with 7640# 100 white mesh sand followed w/117240# 40/70 white sand
6930' - 7074'	Fracced with 7600# 100 white mesh sand followed w/18000# 40/70 white sand
6805' - 6895'	Fracced with 3910# 100 white mesh sand followed w/94,762# 40/70 Ottawa
6545' - 6740'	Fracced with 5880# 100 white mesh sand followed w/100,140# 40/70 Arizona sand

33 PRODUCTION Blanco Mesa Verde, Basin Mancos & Basin Dakota to be Commingled per AZT-3181

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)
10/16/2008	Flowing	PRODUCING

DATE OF TEST 06/08/09 *See Remarks	TESTED 1 hr	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 5 oz	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 90 MCF/D	WATER - BBL	OIL GRAVITY-API (CORR )
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc ) TO BE SOLD						TEST WITNESSED BY Craig Ward	
35 LIST OF ATTACHMENTS		SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM					
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

(See other instructions on  
reverse side)

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

5 LEASE DESIGNATION AND LEASE NO NMSF-078765							
6 IF INDIAN, ALLOTTEE OR							
7 UNIT AGREEMENT NAME Rosa Unit							
8 FARM OR LEASE NAME, WELL NO Rosa Unit COM #60B							
9 API WELL NO 30-045-34251							
10 FIELD AND POOL, OR WILDCAT MESAVERDE							
11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA SE/4 SW/4, Sec4, T31N, R6W							
12 COUNTY OR San Juan		13 STATE New Mexico					
14 PERMIT NO							
DATE ISSUED							
15 DATE SPUDDED 4-7-08							
16 DATE T D REACHED 5-19-08		17 DATE COMPLETED (READY TO PRODUCE) 7/1/09		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6416' GR			
20 TOTAL DEPTH, MD & TVD 8225' MD		21 PLUG, BACK T D, MD & TVD 8168'		22 IF MULTICOMP, HOW MANY 3*			
23 INTERVALS DRILLED BY		ROTARY TOOLS x		CABLE TOOLS			
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 5105' - 5938'							
25 WAS DIRECTIONAL SURVEY MADE NO							
26 TYPE ELECTRIC AND OTHER LOGS RUN							
27 WAS WELL CORED NO							
28 CASING REPORT (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	
20", X-52		94#	421'	26"	750 SX - SURFACE		
10-3/4", K-55		45 5#	3666'	14-3/4"	1560 SX - SURFACE		
5-1/2", N-80		17 0#	8224'	6-3/4"	245 SX - 3650' (CBL)		
29 LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7-5/8", K-55, 26 4#	3498'	6024'	400 sx TOC - 5900' (CBL)		2 3/5", 4 7#, J-55, EUE 8rd	8045'	none
31 PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
1 <sup>st</sup> stage 5681' - 5938' Total of 54, 0 34" holes				5681' - 5938'	Fraced with 88,200# 20/40 BASF		
2 <sup>nd</sup> stage 5105' - 5628' Total of 64, 0 34" holes				5105' - 5628'	Fraced with 74,900# 20/40 BASF		
33 PRODUCTION NOTE Blanco Mesa Verde, Basin Mancos & Basin Dakota to be commingled per AZT-3181							
DATE OF FIRST PRODUCTION 07/06/09		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) Producing	
DATE OF TEST 6/29/09	TESTED 1 0 hr	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 9 #	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 1800 p/day	WATER - BBL	OIL GRAVITY-API (CORR)
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc ) TO BE SOLD						TEST WITNESSED BY Buddy Banks	
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM							
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED Heather Riley TITLE Regulatory Specialist DATE 07/07/09

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

(See other instructions on  
reverse side)

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

5 LEASE DESIGNATION AND LEASE NO  
NMSF-078765

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME  
Rosa Unit

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit COM #60B

9 API WELL NO  
30-045-34251

10 FIELD AND POOL, OR WILDCAT  
BASIN DAKOTA

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
SE/4 SW/4, Sec4, T31N, R6W

12 COUNTY OR 13 STATE  
San Juan New Mexico

19 ELEVATION CASINGHEAD

ROTARY TOOLS  
x

25 WAS DIRECTIONAL SURVEY MADE  
YES

27 WAS WELL CORED  
NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a TYPE OF WELL OIL WELL ☒ GAS WELL DRY OTHER  
b TYPE OF COMPLETION  
☒ NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER

2 NAME OF OPERATOR  
WILLIAMS PRODUCTION COMPANY

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

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At Surface 275' FSL & 1450' FWL, sec 4, T31N, R6W  
At top production interval reported below  
At total depth

14 PERMIT NO  
DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6416' GR

22 IF MULTICOMP,  
HOW MANY 3\*

23 INTERVALS  
DRILLED BY

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
BASIN DAKOTA 7920' - 8052' \* Mesaverde & Mancos to be completed at later date

26 TYPE ELECTRIC AND OTHER LOGS RUN

28 CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20", X-52	94#	421'	26"	750 SX - SURFACE	
10-3/4", K-55	45 5#	3666'	14-3/4"	1560 SX - SURFACE	
5-1/2", N-80	17 0#	8224'	6-3/4"	245 SX - 3650' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7-5/8", K-55, 26 4#	3498'	6024'	400 sx TOC - 5900' (CBL)	

30 TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 875", 6 5#, J-55, EUE 8rd	8072"	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota 7920' - 8052' Total of 63, 0 36" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)

7920' - 8052'

AMOUNT AND KIND OF MATERIAL USED

Faced with 9900# LiteProp 108 14/40 followed w/3000# tempered LC 20/40

33 PRODUCTION

DATE OF FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)

Flowing

WELL STATUS (PRODUCING OR SI)

SI - waiting on C-104 approval

DATE OF TEST TESTED

6-20-08 10 hr

CHOKE SIZE

2"

PROD'N FOR TEST PERIOD

OIL - BBL

GAS - MCF

WATER - BBL

GAS-OIL RATIO

0

CASING PRESSURE

160 oz

CALCULATED 24-HOUR RATE

OIL - BBL

GAS - MCF

615 p/day

WATER - BBL

OIL GRAVITY-API (CORR)

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

TEST WITNESSED BY Al Rector

LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

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

SIGNED

TITLE Drlg COM

DATE 6-24-08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

(See other instructions on  
reverse side)

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

5 LEASE DESIGNATION AND LEASE NO  
NMSF-078765

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7 UNIT AGREEMENT NAME

Rosa Unit

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

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

2 NAME OF OPERATOR  
WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit COM #60B

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

9 API WELL NO

30-045-34251

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At Surface 275' FSL & 1450' FWL, sec 4, T31N, R6W  
At top production interval reported below  
At total depth

10 FIELD AND POOL, OR WILDCAT  
BASIN MANCOS

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

SE/4 SW/4, Sec4, T31N, R6W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

13 STATE

San Juan

New Mexico

15 DATE  
SPUDDED  
4-7-08

16 DATE T D  
REACHED  
5-19-08

17 DATE COMPLETED (READY TO PRODUCE)  
10-6-08

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6416' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8225' MD

21 PLUG, BACK T D, MD & TVD  
8168'

22 IF MULTICOMP,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS  
x

CABLE TOOLS

24 PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
Basin Mancos 6930' - 7810' \* Mesaverde to be completed at later date

25 WAS DIRECTIONAL SURVEY MADE  
YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

27 WAS WELL CORED  
NO

28 CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20", X-52	94#	421'	26"	750 SX - SURFACE	
10-3/4", K-55	45 5#	3666'	14-3/4"	1560 SX - SURFACE	
5-1/2", N-80	17 0#	8224'	6-3/4"	245 SX - 3650' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7-5/8", K-55, 26 4#	3498'	6024'	400 sx TOC - 5900' (CBL)		2 875", 6 5#, J-55, EUE 8id	7703'''	none

31 PERFORATION RECORD (Interval, size, and number)

1<sup>st</sup> stage 7644' - 7687' Total of 24, 0 36" holes

2<sup>nd</sup> stage 7415' - 7535' Total of 75, 0 34" holes

3<sup>rd</sup> stage 7150' - 7270' Total of 27, 0 34" holes

4<sup>th</sup> stage 6930' - 7074' Total of 30, 0 34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7644' - 7687'	Fraced with 8140# 100 white mest sand followed w/8540# 40/70 white sand
7415' - 7535'	Fraced with 7500# 100 white mesh sand followed w/26500# 40/70 white sand
7150' - 7270'	Fraced with 7640# 100 white mesh sand followed w/117240# 40/70 white sand
6930' - 7074'	Fraced with 7600# 100 white mesh sand followed w/18000# 40/70 white sand

33 PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI - waiting on tie in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
10-10-08	1 0 hr	24/64"					

FLOW TBG PRESS 0	CASING PRESSURE 281 psi	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF 946 p/day	WATER - BBL	OIL GRAVITY-API (CORR )
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc ) TO BE SOLD					TEST WITNESSED BY Buddy Banks	
35 LIST OF ATTACHMENTS		SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM				
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED _____ TITLE <u>Drlg COM</u> DATE <u>10-10-08</u>						



**Meador, Tasha**

---

**From:** Glenn Shelby [glenn@adobecontractorsinc.com]  
**Sent:** Tuesday, June 01, 2010 2:43 PM  
**To:** Bill Liess; Bob Switzer; Randy Mckee; Sherrie Landon  
**Cc:** Johnny Stinson; Lane, Myke; Meador, Tasha  
**Subject:** Rusa Unit 60B reclamation

June 2nd we will start hauling the cuttings out of the resurve pit from the Rosa Unit 60B to the Bondad Landfill.

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

7/21/2010

The Williams logo, featuring the word "Williams" in a bold, italicized serif font, with a stylized swoosh or underline element.

## FACILITY INFORMATION

<b>Pit Type:</b>	Drilling	Workover	X Completion	<b>Inspection:</b>	X Daily (Rig)	Weekly (Tech)
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Record Retention Submit with Closure  
File: EH&S Well Files



505-634-4200 / 505-634-4205 fax



**William's**

505-634-4200 / 505-634-4205 fax



## FACILITY INFORMATION

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/5/09 Time Reported: 10:30
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/5/09                      Phone: 505-793-3099		

WPX\_NM\_Temp\_Pit\_Inspection\_Form(V2) doc  
Rev. 19 June 2008

505-634-4200 / 505-634-4205 fax



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San Juan Basin Operations  
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Aztec, NM 87410  
505-634-4200 / 505-634-4205 fax



## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa Unit #60B	API #:
-------------------------------	--------

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

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/11/09 Time Reported: 10:00
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/11/09                      Phone: 505-793-3099		

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





**Meador, Tasha**

---

**From:** johnny@adobecontractorsinc.com  
**Sent:** Friday, August 14, 2009 11:31 AM  
**To:** Brandon Powell  
**Cc:** Lane, Myke ; Meador, Tasha  
**Subject:** Williams clean-ups

Brandon,  
We will start the clean-up on the Rosa Unit #60B first of next week. Let me know if you have any questions.

Thanks,

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

9/8/2009

505-634-4200 / 505-634-4205 fax



## Temporary Pit Inspection

## FACILITY INFORMATION

Facility Name: Rosa Unit #60B	API #:
-------------------------------	--------

<b>Pit Type:</b>	Drilling	Workover	X Completion	<b>Inspection:</b>	X Daily (Rig)	Weekly (Tech)
------------------	----------	----------	--------------	--------------------	---------------	---------------

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/15/09 Time Reported: 11:30
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/15/09                      Phone: 505-793-3099		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa Unit #60B	<b>API #:</b>
--------------------------------------	---------------

<b>Pit Type:</b> Drilling    Workover    X Completion	<b>Inspection:</b> X Daily (Rig)    Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/15/09 Time Reported: 11:30
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/15/09                      Phone: 505-793-3099		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa Unit #60B	API #:
-------------------------------	--------

Pit Type: Drilling    Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily (Rig) <input 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 / 6/15/09 Time Reported: 11:30
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    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    Not Applicable	
Oil or sheen present on pit	Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/15/09                      Phone: 505-793-3099		

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

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

## FACILITY INFORMATION

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/12/09 Time Reported: 08:30
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/12/09	Phone: 505-793-3099	

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San Juan Basin Operations  
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Aztec, NM 87410  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa Unit #60B	<b>API #:</b>
--------------------------------------	---------------

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

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/16/09 Time Reported: 09:30
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/16/09                      Phone: 505-793-3099		

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



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

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

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



## FACILITY INFORMATION

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/19/09 Time Reported: 13:00
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/19/09                      Phone: 505-793-3099		

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The Williams logo, featuring the word "Williams" in a bold, italicized serif font, with a stylized swoosh or underline element.





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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 Unit #60B	<b>API #:</b>
--------------------------------------	---------------

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

Pit Liner intact (no visible tears)	X Yes    No    If No, Report to EH&S immediately	Date / 6/30/09 Time Reported: 19:00
Pit Properly Fenced (no fence on rig side if on site)	X Yes    No    Not Required (if site fully fenced)	
Pit Slopes intact	X Yes    No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes    No    Not Applicable	
Oil or sheen present on pit	Yes    X No	
Flare Pit free of liquids	X Yes    No    Not Applicable	
Comments:		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Consultant		
Date: 6/30/09    Phone: 505-793-3099		

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





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San Juan Basin Operations

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



**Temporary Pit Inspection**

**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:7/9/08 1210
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/9/08 Phone: (505)947-4974		

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 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:7/3/08 1210
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/3/08 Phone: (505)947-4974		

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 60 B	API #: 30-045-34251
--------------------------	---------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 7/18/08 0950
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	X Yes No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good, rig moving off of location		
Inspector Signature: Chris Lucero		
Printed Name: Chris Lucero		
Title: Lead Tech		
Date: 7/18/08 Phone: (505)330-6670		

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 60 B	API #:30-045-34251
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Pit Type: X Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) X Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:7/25/08 0945
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	X Yes No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good		
Inspector Signature: Chris Lucero		
Printed Name: Chris Lucero		
Title: Lead Tech		
Date: 7/25/08 Phone: (505)330-6670		

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  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:7/31/08 0900
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good, Rig moving on location today		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/31/08 Phone: (505)947-4974		

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  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:8/7/08 0900
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 8/7/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:8/15/08 0900
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 8/15/08 Phone: (505)947-4974		

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



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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
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Pit Type: X Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) X Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:8/29/08 0910
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 8/29/08 Phone: (505)947-4974		

Record Retention Submit with Closure  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:9/3/08 1145
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 9/3/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 9/12/08 1145
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 9/12/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 9/17/08 1145
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good, Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 9/17/08 Phone: (505)947-4974		

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File: EH&S Well Files

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 9/24/08 0940
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 9/24/08 Phone: (505)947-4974		

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:10/3/08 0940
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Rig on location		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 10/3/08 Phone: (505)947-4974		

Record Retention. Submit with Closure  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 10/10/08 0940
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 10/10/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:10/17/08 0940
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 10/17/08 Phone: (505)947-4974		

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



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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 10/24/08 0840
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 10/24/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 10/31/08 0945
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 10/31/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:11/7/08 0930
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 11/7/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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)	X Yes <input type="checkbox"/> No •If No, Report to EH&S immediately	Date / Time Reported:11/14/08 0900
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 11/14/08 Phone: (505)947-4974		

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 11/21/08 0945
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 11/21/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:12/5/08 0930
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 12/5/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 12/12/08 0935
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 12/12/08 Phone: (505)947-4974		

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 60 B	API #:30-045-34251
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Pit Type: X Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) X Weekly (Tech)
--	--

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:12/19/08 0930
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 12/19/08 Phone: (505)947-4974		

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



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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:12/19/08 0930
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 12/19/08 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	X Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 11/28/08 0925
Pit Properly Fenced (no fence on rig side if on site)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	X Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	Yes X No	
Flare Pit free of liquids	X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 11/28/08 Phone: (505)947-4974		

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

<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: 1/8/09 0935
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 1/8/09 Phone: (505)947-4974		

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

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**Temporary Pit Inspection**

**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

<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: 1/16/09 0930
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 checked="" 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: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 1/16/09 Phone: (505)947-4974		

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
<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:1/22/09 0935
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 checked="" 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: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 1/22/09 Phone: (505)947-4974		

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File EH&S Well Files

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**Temporary Pit Inspection**  
**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

<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: 1/30/09 0935
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 1/30/09 Phone: (505)947-4974		

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60 B	API #:30-045-34251
--------------------------	--------------------

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)
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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:2/6/09 0940
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Comments: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 2/6/09 Phone: (505)947-4974		

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**Temporary Pit Inspection**

**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 2/12/09 0935
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 checked="" 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: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 2/12/09 Phone: (505)947-4974		

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



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**Temporary Pit Inspection**

**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60 B	<b>API #:</b> 30-045-34251
---------------------------------	----------------------------

<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 2/20/09 1030
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	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: Pit looks good
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Inspector Signature: DARREN ROWLEY
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Printed Name: Darren Rowley
-----------------------------

Title: Tech
-------------

Date: 2/20/09	Phone: (505)947-4974
---------------	----------------------

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

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 3/12/2009/ 7:55AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 3/12/2009		Phone: (505)947-4974

Record Retention: Submit with Closure  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 3/19/2009/ 8:55AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 3/19/2009		
Phone: (505)947-4974		

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

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**Temporary Pit Inspection**  
**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60B MV/Mancos/DK	<b>API #:</b> 30-045-34251
---	----------------------------

<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: 4/2/2009/ 9:50AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 4/2/2009		Phone: (505)947-4974

Record Retention. Submit with Closure  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 4/10/2009/ 9:35AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 4/10/2009		
Phone: (505)947-4974		

Record Retention: Submit with Closure  
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**Temporary Pit Inspection**

**FACILITY INFORMATION**

<b>Facility Name:</b> Rosa 60B MV/Mancos/DK	<b>API #:</b> 30-045-34251
---	----------------------------

<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: 4/17/2009/ 10:25AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 4/17/2009		
Phone: (505)947-4974		

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 4/22/2009/ 9:25AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 4/22/2009		
Phone: (505)947-4974		

Record Retention: Submit with Closure  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Rosa 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 4/30/2009/ 1325
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 4/30/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	<b>API #:</b> 30-045-34251
---	----------------------------

<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: 5/6/2009/ 10:55AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 5/6/2009 Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 5/13/2009/ 10:05AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 5/13/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 5/22/2009/ 11:05AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 5/22/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 5/26/2009/ 10:30AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 5/26/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 7/10/2009/ 10:30AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/10/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 7/14/2009/ 10:45AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/14/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	<b>API #:</b> 30-045-34251
---	----------------------------

<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: 7/20/2009/ 8:30AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/20/2009 Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 7/30/2009/ 8:30AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/30/2009		
Phone: (505)947-4974		

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 156D MV/Mancos/DK	API #: 30-045-34981
---------------------------------------	---------------------

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: 7/30/2009/ 9:00 AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 7/30/2009		
Phone: (505)947-4974		

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 60B MV/Mancos/DK	API #: 30-045-34251
--------------------------------------	---------------------

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: 8/7/2009/ 10:30AM
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: Pit looks good!		
Inspector Signature: Darren Rowley		
Printed Name: Darren Rowley		
Title: Tech		
Date: 8/7/2009		
Phone: (505)947-4974		

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 60 B	API #:30-045-34251
--------------------------	--------------------

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 2/24/09 1030
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: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 2/24/09 Phone: (505)947-4974		

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 60 B	API #:30-045-34251
--------------------------	--------------------

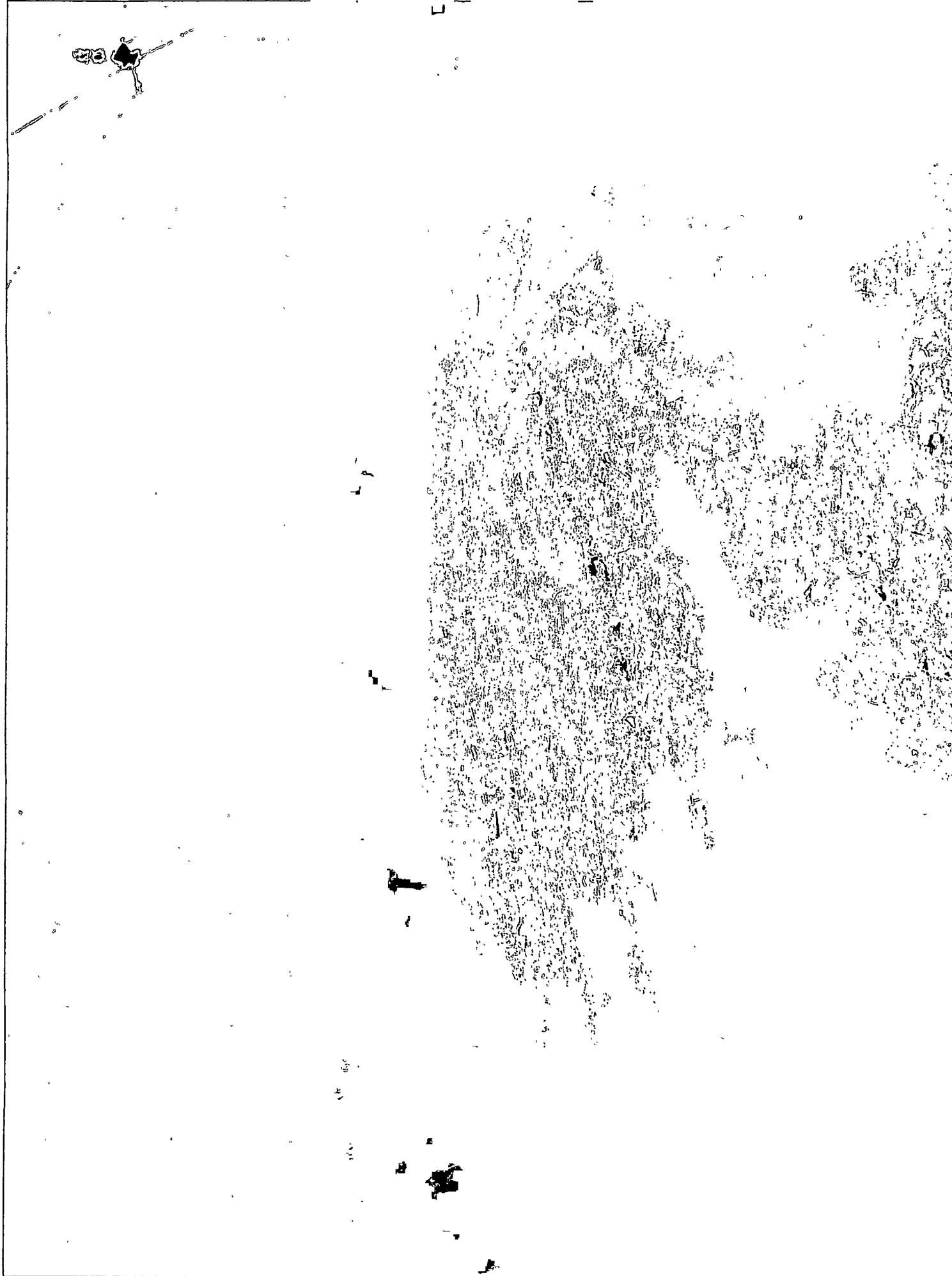
Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input checked="" type="checkbox"/> Weekly (Tech)
--	--

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 3/4/09 1030
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	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: Pit looks good		
Inspector Signature: DARREN ROWLEY		
Printed Name: Darren Rowley		
Title: Tech		
Date: 3/4/09 Phone: (505)947-4974		

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

Williams PROD  
ROSA UNIT # 60B  
UNIT N SEC. 4  
T31N R6W  
RIO ARriba CO.  
IN PLACE BURIAL

07.09.2010





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



## Transmittal

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

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

**Date:**

**Re:** Supplemental Submittal

Temporary Pit Closure report: NMOCD Permit # 6824

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

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

Respectfully resubmitted,

Tasha Meador  
Williams Exploration & Production  
721 S Main Aztec, NM  
Office: 505-634-4200  
Direct: 505-634-4241  
Fax: 505-634-4205  
[tasha.meador@williams.com](mailto:tasha.meador@williams.com)

Encl:

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						
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>											
<b>4 Reason for filing</b>  <input type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input checked="" 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)				<b>5 Lease Name or Unit Agreement Name</b> Rosa  <b>6 Well Number</b> Rosa Unit #060B							
<b>7 Type of Completion</b> <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				<b>9 OGRID</b> 120782							
<b>8 Name of Operator</b> WILLIAMS PRODUCTION, LLC				<b>11 Pool name or Wildcat</b>							
<b>10 Address of Operator</b> P O BOX 640      AZTEC, NM 87410											
<b>12 Location</b>	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
<b>Surface:</b>											
<b>BH:</b>											
<b>13 Date Spudded</b>		<b>14 Date T D Reached</b>		<b>15 Date Rig Released</b> 10/6/2008		<b>16 Date Completed (Ready to Produce)</b>		<b>17 Elevations (DF and RKB, RT, GR, etc )</b>			
<b>18 Total Measured Depth of Well</b>				<b>19 Plug Back Measured Depth</b>		<b>20 Was Directional Survey Made?</b>		<b>21 Type Electric and Other Logs Run</b>			
<b>22 Producing Interval(s), of this completion - Top, Bottom, Name</b>											
<b>23 CASING RECORD (Report all strings set in well)</b>											
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
<b>24 LINER RECORD</b>						<b>25 TUBING RECORD</b>					
SIZE		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET	PACKER SET
<b>26 Perforation record (interval, size, and number)</b>						<b>27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
<b>28 PRODUCTION</b>											
<b>Date First Production</b>			<b>Production Method (Flowing, gas lift, pumping - Size and type pump)</b>				<b>Well Status (Prod or Shut-in)</b>				
<b>Date of Test</b>	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio				
<b>Flow Tubing Press</b>	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr )					
<b>29 Disposition of Gas (Sold, used for fuel, vented, etc )</b>							<b>30 Test Witnessed By</b>				
<b>31 List Attachments</b>											
<b>32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit</b>											
<b>33 If an on-site burial was used at the well, report the exact location of the on-site burial</b>											
Latitude 36 92208 Longitude 107 47222 NAD 1927 1983											
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>											
_____ Tasha Meador                  Printed Name											
Signature				Title				Date			
Tasha Meador				Permit Technician				8/29/11			
E-mail Address: tasha meador@williams.com											



District I  
1625 N French Dr., Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

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

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

RECEIVED

219 FARM BUREAU

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34251		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 17033-17212		*Property Name ROSA UNIT COM	
*Well Number 608			
*OGRID No 120782		*Operator Name WILLIAMS PRODUCTION COMPANY	
		*Elevation 6416'	

<sup>10</sup> Surface Location

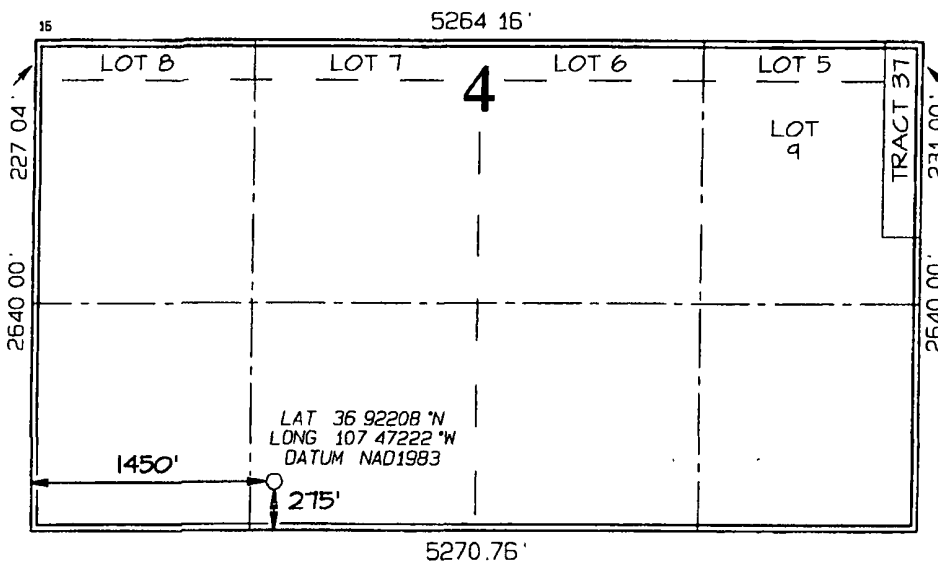
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	4	31N	6W		275	SOUTH	1450	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 347.48 All Sect 4	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*Larry Higgins* 3-26-07  
Signature Date  
*LARRY HIGGINS*  
Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

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

Date of Survey, MAY 15, 2006

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

LATITUDE: 36.92208° N  
LONGITUDE: 107.47222° W  
DATUM: NAD1983

