

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
July 21, 2008

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

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

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

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

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

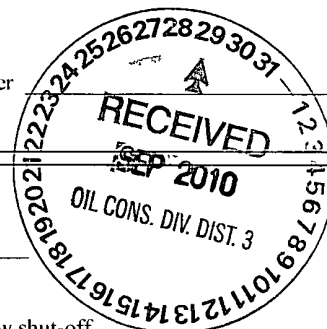
1.
Operator: Williams Operating Co, LLC OGRID # 120782
Address PO Box 640 / 721 S Main Aztec, NM 87410
Facility or well name Rosa Unit #017C
API Number 30-039-30381 OCD Permit Number _____
U/L or Qtr/Qtr L Section 20 Township 31N Range 5W County Rio Arriba
Center of Proposed Design Latitude 36.88288 Longitude -107.3928724 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: 30,500 bbl Dimensions L 190' x W 75' x D 12'

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

4.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume _____ bbl Type of fluid _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____ mil ☐ HDPE ☐ PVC ☐ Other _____

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



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6	<p>Fencing: Subsection D of 19 15 17 11 NMAC (<i>Applies to permanent pits, temporary pits, and below-grade tanks</i>)</p> <p><input type="checkbox"/> Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)</p> <p><input type="checkbox"/> Four foot height, four strands of barbed wire evenly spaced between one and four feet</p> <p><input type="checkbox"/> Alternate. Please specify _____</p>																																								
7	<p>Netting: Subsection E of 19 15 17 11 NMAC (<i>Applies to permanent pits and permanent open top tanks</i>)</p> <p><input type="checkbox"/> Screen <input type="checkbox"/> Netting <input type="checkbox"/> Other _____</p> <p><input type="checkbox"/> Monthly inspections (If netting or screening is not physically feasible)</p>																																								
8	<p>Signs: Subsection C of 19 15 17.11 NMAC</p> <p><input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</p> <p><input checked="" type="checkbox"/> Signed in compliance with 19 15 3 103 NMAC</p>																																								
9	<p>Administrative Approvals and Exceptions:</p> <p>Justifications and/or demonstrations of equivalency are required. Please refer to 19 15 17 NMAC for guidance.</p> <p>Please check a box if one or more of the following is requested, if not leave blank:</p> <p><input checked="" type="checkbox"/> Administrative approval(s). Requests must be submitted to the appropriate division/district or the Santa Fe Environmental Bureau office for consideration of approval.</p> <p><input type="checkbox"/> Exception(s). Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</p>																																								
10	<p>Siting Criteria (regarding permitting): 19 15 17 10 NMAC</p> <p>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.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank</td> <td style="width: 20%; text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells</td> <td></td> </tr> <tr> <td>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)</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- Topographic map; Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>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>)</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA </td> </tr> <tr> <td>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</td> <td></td> </tr> <tr> <td>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>)</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA </td> </tr> <tr> <td>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</td> <td></td> </tr> <tr> <td>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</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>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</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- Written confirmation or verification from the municipality, Written approval obtained from the municipality</td> <td></td> </tr> <tr> <td>Within 500 feet of a wetland</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site</td> <td></td> </tr> <tr> <td>Within the area overlying a subsurface mine</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</td> <td></td> </tr> <tr> <td>Within an unstable area</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS, NM Geological Society, Topographic map</td> <td></td> </tr> <tr> <td>Within a 100-year floodplain</td> <td style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td>- FEMA map</td> <td></td> </tr> </table>	Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells		Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- Topographic map; Visual inspection (certification) of the proposed site		Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		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>)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site		Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- Written confirmation or verification from the municipality, Written approval obtained from the municipality		Within 500 feet of a wetland	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site		Within the area overlying a subsurface mine	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division		Within an unstable area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS, NM Geological Society, Topographic map		Within a 100-year floodplain	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	- FEMA map	
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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>)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA																																								
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Within a 100-year floodplain	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																								
- FEMA map																																									

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Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19 15.17 9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15 17 9 NMAC
- ☒ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15 17 9 NMAC
- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17 10 NMAC
- ☒ Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15.17.12 NMAC
- ☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

☐ Previously Approved Design (attach copy of design) API Number _____ or Permit Number. _____

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Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19 15 17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17.9 NMAC and 19 15 17 13 NMAC

☐ Previously Approved Design (attach copy of design) API Number _____

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

13.

Permanent Pits Permit Application Checklist: Subsection B of 19 15 17 9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19 15 17 9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17 10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15 17 11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17 11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19.15 17 13 NMAC

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Proposed Closure: 19 15 17 13 NMAC**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

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

☐ Alternative

Proposed Closure Method ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

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

☒ In-place Burial ☐ On-site Trench Burial

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

15.

Waste Excavation and Removal Closure Plan Checklist: (19.15 17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19 15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15.17 13 NMAC

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

Siting Criteria (regarding on-site closure methods only): 19 15 17.10 NMAC

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

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

On-Site Closure Plan Checklist: (19 15 17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17.10 NMAC
☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19 15 17.13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC
☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC
☒ Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☒ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☒ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15.17 13 NMAC

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Operator Application Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address _____ Telephone _____

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

OCD Representative Signature: Janet D. Kelly Approval Date: 9/02/2011

Title: Compliance Officer OCD Permit Number: _____

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Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC

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

☒ Closure Completion Date: 7/28/10

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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 88288 Longitude -107 3928724 NAD ☐ 1927 ☒ 1983

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Operator Closure Certification:

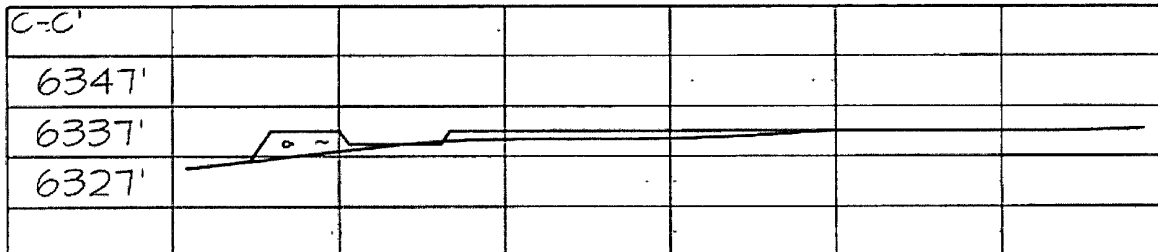
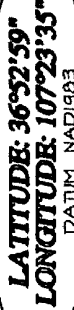
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan

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

Signature: [Signature] Date: 9/29/10

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

Sample Area



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 # 017C
API No: 30-03930381
Location: L-S#20#-T#31#N-R05W, NMPM

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

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

- Details on Capping and Covering, where applicable
- Plot Plan (Pit Diagram)
- Inspection reports
- Sampling Results
- Division Form C-105. WELL COMPLETION OR RECOMPLETION REPORT AND LOG
- Copy of Deed Notice filed with the County Clerk (format to meet County requirements)
A deed notice is not required on state, federal or tribal land according to NMOCD FAQ dated October 30, 2008 and posted on the NMOCD website

General Plan Requirements:

1. All free standing liquids will be removed from the pit at the start of the closure process. Liquids will be removed in a manner that the appropriate District Office approves including; recycled, reused, reclaimed, evaporated, and/or disposed of in a Division-approved facility. Once all free liquids are removed, the sludge will be stabilized by one of the following methods depending on equipment availability: blending with clean stockpiled soils or dewatering using a Bowl Decanter Centrifuge then blending with clean stockpiled soils.
To the extent practical, free liquids were pulled from the reserve pit following the completion rig-off. Haul dates was (8/20/10) 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 (8/27/2008)
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 (7/5/2009). Request for transfer to completion rig submitted (7/29/2009) to OCD Aztec District Office, Completion rig-off (8/30/2009). Pit covered (7/28/10) due to winter closure. 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 (6/25/10) are attached

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

The liner to the temporary pit was removed above the "mud level" once stabilized. Removal of the liner consisted of manually cutting the liner and removing all remaining liner material above the "mud level" including the anchor material. All excessive liner was disposed of at the San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.

7. Solidification of the remaining pit contents shall be achieved by mixing non-waste containing, earthen material. The solidification process will be accomplished use a combination of natural drying and mechanical mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed safe and stable. The mixing ratio shall not exceed 3 parts non-waste to 1 part pit contents.

Following removal of free liquids, the pit contents were mixed with non-waste containing, earthen material in order to achieve appropriate solidification and a consistency that was deemed safe and stable. The solidification process was accomplished using a combination of natural drying, a Bowl Decanter Centrifuge, and mechanically mixing using a dozer and trackhoe. The mixing ration was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed (7/21/2010.)

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	1.4
TPH	EPA SW-846 Method 418.1	2500	19.2
GRO/DRO	EPA SW-846 Method 801.5M (GRO/DRO)	500	ND
Chlorides	EPA SW-846 Method 300.1	500	45

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 (7/28/10).

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

12. WPX shall seed the disturbed areas the first growing season after the pit is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. Vegetative cover will equal 70% of the native perennial vegetative cover.

(un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintained that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs. *Note: WPX assumes the seeding stipulations including mix and seeding methods specified by the Surface Management Agency (BLM, BOR, USFS, Tribal, etc.) or Land owner as part of a surface use agreement or APD are Division-approved methods unless notified by the Division of their unacceptability*

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

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

The temporary pit was located with a steel marker meeting the above listed specifications. The marker has the following information welded for future reference: Williams Production, NMSF-078768, S20-T31N-R05W-F, "Pit Burial" (photo attached). Steel marker set (8/16/2010).

Fields, Vanessa

From: johnny@adobecontractorsinc.com
Sent: Wednesday, September 29, 2010 7:51 AM
To: Fields, Vanessa
Subject: FW: Williams cleanups, Rosa Unit 17C

Here is the one to the BLM. Let me know if you need anything else.

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

From: Glenn Shelby [mailto:glenn@adobecontractorsinc.com]
Sent: Friday, June 25, 2010 3:20 PM
To: Sherrie Landon; Randy Mckee; Bob Switzer; Bill Liess; Mark Kelly
Cc: Johnny Stinson; Tasha Meador; Myke Lane
Subject: Williams cleanups, Rosa Unit 17C

On June 28th we will be starting the cleanup on the Rosa Unit 17C. If you have any questions call me

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

Fields, Vanessa

From: johnny@adobecontractorsinc.com
Sent: Wednesday, September 29, 2010 7:50 AM
To: Fields, Vanessa
Subject: FW: Williams cleanups, Rosa Unit 17C

Here is the one to the state

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

From: Glenn Shelby [mailto:glenn@adobecontractorsinc.com]
Sent: Friday, June 25, 2010 3:22 PM
To: Brandon Powell
Cc: Tasha Meador; Myke Lane; Johnny Stinson
Subject: Williams cleanups, Rosa Unit 17C

On June 28th we will be starting the cleanup on the Rosa Unit 17C. If you have any questions call me

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



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

Client: WPX
Sample ID: Reserve Pit
Laboratory Number: 55297
Chain of Custody No: 10035
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #: 04108-0136
Date Reported: 07-28-10
Date Sampled: 07-23-10
Date Received: 07-26-10
Date Extracted: 07-26-10
Date Analyzed: 07-27-10
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 #17C**


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-10 QA/QC	Date Reported:	07-28-10
Laboratory Number:	55295	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-10
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	9.9984E+002	1.0002E+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

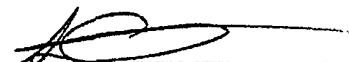
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	0.3	0.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

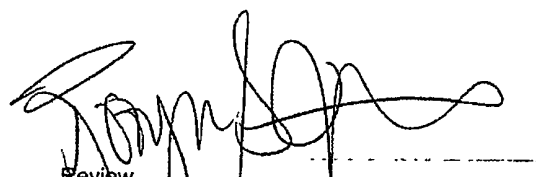
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.3	250	252	101%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 55295-55299


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: WPX
Sample ID: Reserve Pit
Laboratory Number: 55297
Chain of Custody: 10035
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #: 04108-0136
Date Reported: 07-28-10
Date Sampled: 07-23-10
Date Received: 07-26-10
Date Analyzed: 07-27-10
Date Extracted: 07-26-10
Analysis Requested: BTEX

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

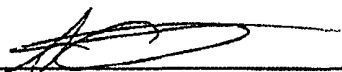
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	102 %
	Bromochlorobenzene	101 %

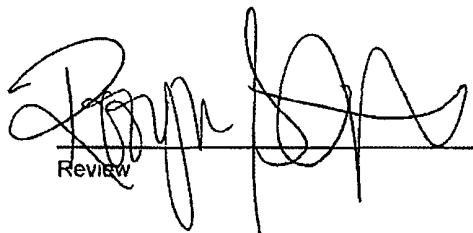
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: Rosa Unit #17C



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client: N/A
Sample ID: 0727BBLK QA/QC
Laboratory Number: 55295
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 07-28-10
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 07-27-10
Analysis: BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	8.2402E+005	8.2567E+005	0.2%	ND	0.1
Toluene	9.0381E+005	9.0563E+005	0.2%	ND	0.1
Ethylbenzene	8.1829E+005	8.1993E+005	0.2%	ND	0.1
p,m-Xylene	2.0409E+006	2.0450E+006	0.2%	ND	0.1
o-Xylene	7.1668E+005	7.1812E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.2	100%	39 - 150
Toluene	ND	50.0	50.6	101%	46 - 148
Ethylbenzene	ND	50.0	50.6	101%	32 - 160
p,m-Xylene	ND	100	101	101%	46 - 148
o-Xylene	ND	50.0	51.4	103%	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 55295-55299

Analyst

Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-27-10
Laboratory Number:	55297	Date Sampled:	07-23-10
Chain of Custody No:	10035	Date Received:	07-26-10
Sample Matrix:	Soil	Date Extracted:	07-27-10
Preservative:	Cool	Date Analyzed:	07-27-10
Condition:	Intact	Analysis Needed:	TPH-418.1

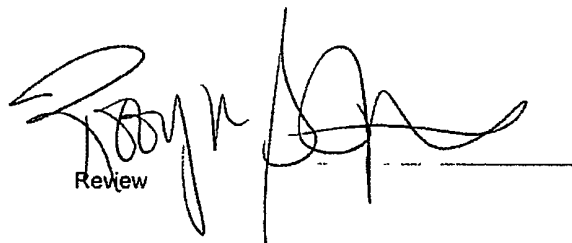
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	19.2	5.0

ND = Parameter not detected at the stated detection limit.

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

Comments: Rosa Unit #17C


Analyst


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	07-27-10
Laboratory Number:	07-27-TPH.QA/QC 55295	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	07-27-10
Preservative:	N/A	Date Extracted:	07-27-10
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	07-15-10	07-27-10	1,846	1,770	4.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	5.0

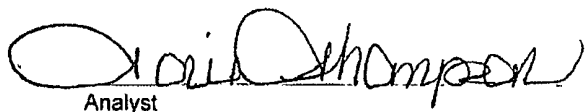
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	16.3	13.3	18.4%	+/- 30%

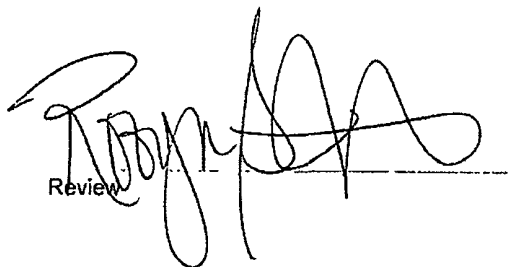
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	16.3	2,000	1,850	91.8%	80 - 120%

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 55295-55299


Analyst


Review



Chloride

Client: WPX
Sample ID: Reserve pit
Lab ID#: 55297
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Project #: 04108-0136
Date Reported: 07-27-10
Date Sampled: 07-23-10
Date Received: 07-26-10
Date Analyzed: 07-27-10
Chain of Custody: 10035

Parameter

Concentration (mg/Kg)

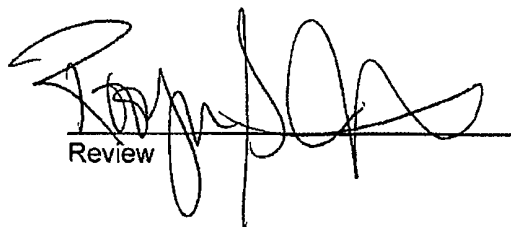
Total Chloride

45

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 #17C


Analyst


Review

10035

ACCENT Printing • Form 28-0807

Meador, Tasha

From: johnny@adobecontractorsinc.com

Sent: Friday, July 09, 2010 10:26 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 working on the Rosa Unit #166B, 17C, 5C, 164C and the 89D clean ups. The 5C and 89D were covered on 7-7 and the 164C was covered on 7-6. On new builds, we are working on the Rosa Unit #601. 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

7/19/2010

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

WELL API NO 30-039-30381
5. Indicate Type of Lease FEE X
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rosa Unit
8. Well Number Rosa Unit #17C
9. OGRID Number 120782
10 Pool name or Wildcat 11. MV/MC/DK

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

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

2. Name of Operator
Williams Production Company, LLC

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

4. Well Location

Unit Letter L , 1940 feet from the SOUTH line and 535 feet from the WEST line

Unit Letter K , 2290 feet from the SOUTH line and 2302 feet from the WEST line.

Section 20 Township 31N Range 05W NMPM County RIO ARRIBA

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

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

NOTICE OF INTENTION TO:

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

OTHER ☐

SUBSEQUENT REPORT OF:

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

OTHER Completion

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

7-23-09 - MIRU BWWC - Run CBL, TOC @ 4210'

7-26-09 - MIRU AWS #266 - Test casing & pipe rams to 1500 psi for 30 min w/no leak off Good test

7-27-09 - DO to PBTD @ 8510'

7-28-09 - AWS #266 - MOL

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

SIGNATURE _____ TITLE Drilling COM DATE 9/2/09

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

For State Use Only

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

RU #17C – Page 2

7-31-09 – Rigless – Perf DK, 8432'-8514', with 63, 0 34" holes Frac DK with 5010# 100 mesh BASF followed with 56,427# 40/70 BASF Set comp BP @ 7960' Perf Mancos 1st stage, 7709'-7815', with 54, 0 34" holes Frac Mancos 1st stage with 5191# 100 mesh BASF followed with 117,662# 40/70 BASF Set comp BP @ 7636'. Perf Mancos 2nd stage, 7372'-7556', with 63, 0 34" holes Frac Mancos 2nd stage with 4820# 100 mesh BASF followed with 125,153# 40/70 BASF

8-3-09 – MIRU AWS #748 for completion

8-6-09 – Set comp BP @ 6662' Perf PLO, 6169'-6601', with 63, 0 34" holes

8-9-09 – Frac PLO with 42,648# 20/40 BASF Run comp BP @ 6134' Perf CH/Men, 5714'-6068', with 54, 0 34" holes Frac CH/Men with 146,360# 20/40 BASF

8-11-09 – DO comp BP @ 6134'

8-17-09 – DO com BP @ 6662'

8-18-09 – DO com BP @ 7636' DO comp BP @ 7960' CO to PBTD @ 8510' Went to pull above perfs and pipe was stuck

8-19 thru 8-27-09 – Fishing

8-28-09 – Recover complete fish FLOW TEST Duration = 2 hr, Test Method, choke, MCF/D = 958 MCFD, Csg Psi = 160 psi, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flaring, Choke Size = 1/2" choke

8-29-09 - Land well as follows, 2-3/8" half muleshoe, 1 jt 2-38" J-55 tbg, 1 78 I D F-nipple, 134 jts 2-3/8" 4 70# J-55 EUE tbg, & 130 jts 2-3/8" 4 70# N-80 EUE tbg, EOT @ 8453' F-nipple @ 8431'

Note – MV, MC and DK to be commingled per AZT-3212

Submit To Appropriate District Office Two Copies • District I 1625 N French Dr Hobbs, NM 88240 District II 1301 W Grand Avenue Artesia NM 88210 District III 1000 Rio Brazos Rd Aztec NM 87410 District IV 1220 S St Francis Dr Santa Fe NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008				
		1. WELL API NO.		30-039-30381						
		2 Type of Lease		<input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN						
		3 State Oil & Gas Lease No								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4 Reason for filing X COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)				5 Lease Name or Unit Agreement Name						
				Rosa Unit						
				6 Well Number						
				Rosa Unit #17C						
7 Type of Completion X NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8 Name of Operator Williams Production Company, LLC				9 OGRID 120782						
10 Address of Operator P.O Box 640, Aztec, NM 87410				11 Pool name or Wildcat Basin Dakota						
12 Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	20	31N	5W		1940	SOUTH	535	WEST	RIO ARRIBA
BH:	K	20	31N	5W		2290	SOUTH	2302	WEST	RIO ARRIBA
13 Date Spudded 6-10-09	14 Date T D Reached 6-29-09	15 Date Rig Released 7-5-09			16 Date Completed (Ready to Produce) 8-29-09			17 Elevations (DF and RKB, RT, GR, etc) 6341'		
18 Total Measured Depth of Well 8528' MD / 7990' TVD		19 Plug Back Measured Depth 8510' MD		20 Was Directional Survey Made? YES			21 Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector			
22 Producing Interval(s), of this completion - Top, Bottom, Name BASIN DAKOTA 8432'-8514'										
23 CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4"		40.5#		310'		14-3/4"		290 sxs - surface		
7-5/8"		26.4#		4436'		9-7/8"		745 sxs - surface		
5-1/2"		17#		8528'		6-3/4"		340 sxs - 4210' cbl		
24 LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
25 TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2.375" 4.7# J-55	8453'									
26 Perforation record (interval, size, and number)										
<u>Dakota</u> 8432'-8514' (63, 0 34" holes)										
27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC										
DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED					
8432'-8514'					5010# 100 mesh - 56,427# 40/70					
28 PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod or Shut-in</i>) Shut in - waiting on tie in			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio			
8-28-09	2 hr	1/2"								
Flow Tubing Press 0	Casing Pressure 160 lbs	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF 230 mcf/d	Water - Bbl	Oil Gravity - API - (<i>Corr</i>)				
29 Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>)							30 Test Witnessed By Weldon Higgins			
31 List Attachments										
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit See pit permit										
33 If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude				Longitude				NAD 1927 1983		

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

Signature _____ Printed Name Larry Higgins Title Drlg COM Date 9-2-09
E-mail Address larry.higgins@williams.com (505) 634-4208

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 2942'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 3070'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 3497'	T. Penn. "C"
T. Yates	T. Miss	T. Lewis 4031'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 5938'	T. Leadville
T. Queen	T. Silurian	T. Menefee 6000'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 6198'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 6736'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 6974'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn 8299'	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota 8433'	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd. Aztec, NM 87410 District IV 1220 S. St. Francis Dr. Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008				
		1. WELL API NO. 30-039-30381		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> X FEE <input type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing X COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)				5. Lease Name or Unit Agreement Name Rosa Unit						
				6. Well Number Rosa Unit #17C						
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator Williams Production Company, LLC				9. OGRID 120782						
10. Address of Operator P O Box 640, Aztec, NM 87410				11. Pool name or Wildcat Basin Mancos						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	20	31N	5W		1940	SOUTH	535	WEST	RIO ARRIBA
BH:	K	20	31N	5W		2290	SOUTH	2302	WEST	RIO ARRIBA
13. Date Spudded 6-10-09	14. Date T D Reached 6-29-09	15. Date Rig Released 7-5-09		16. Date Completed (Ready to Produce) 8-29-09		17. Elevations (DF and RKB, RT, GR, etc) 6341'				
18. Total Measured Depth of Well 8528' MD / 7990' TVD		19. Plug Back Measured Depth 8510' MD		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector				
22. Producing Interval(s), of this completion - Top, Bottom, Name Basin Mancos 7372'-7815'										
23 CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4"		40.5#		310'		14-3/4"		290 sxs - surface		
7-5/8"		26.4#		4436'		9-7/8"		745 sxs - surface		
5-1/2"		17#		8528'		6-3/4"		340 sxs - 4210' cbl		
24 LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25 TUBING RECORD		SIZE		DEPTH SET
								2.375" 4 7# J-55		8453'
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
<u>Upper Mancos</u> 7372'-7556' (63, 0 34" holes) <u>Lower Mancos</u> 7709'-7815' (54, 0 34" holes)						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						7372'-7556'		4820# 100 mesh - 125,153# 40/70		
						7709'-7815'		5191# 100 mesh - 117,662# 40/70		
28 PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod or Shut-in</i>) Shut in - waiting on tie in				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio			
8-28-09	2 hr	1/2"								
Flow Tubing Press 0	Casing Pressure 160 lbs	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF 354 mcf/d	Water - Bbl	Oil Gravity - API - (<i>Conn</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>)								30. Test Witnessed By Weldon Higgins		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit See pit permit										
33. If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude				Longitude				NAD 1927 1983		

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 July 17, 2008					
		1. WELL API NO. 30-039-30381			2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN					
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing X COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)				5. Lease Name or Unit Agreement Name Rosa Unit						
				6. Well Number Rosa Unit #17C						
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator Williams Production Company, LLC				9. OGRID 120782						
10. Address of Operator P.O. Box 640, Aztec, NM 87410				11. Pool name or Wildcat Blanco Mesaverde						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	20	31N	5W		1940	SOUTH	535	WEST	RIO ARRIBA
BH:	K	20	31N	5W		2290	SOUTH	2302	WEST	RIO ARRIBA
13. Date Spudded 6-10-09	14. Date T.D. Reached 6-29-09	15. Date Rig Released 7-5-09			16. Date Completed (Ready to Produce) 8-29-09		17. Elevations (DF and RKB, RT, GR, etc.) 6341'			
18. Total Measured Depth of Well 8528' MD / 7990' TVD		19. Plug Back Measured Depth 8510' MD		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Array Induction, Compensated GR-Density-Neutron, Temp, Ultra Sonic Gas Detector				
22. Producing Interval(s), of this completion - Top, Bottom, Name Blanco Mesa Verde 5714'-6601'										
23 CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB/FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4"		40.5#		310'		14-3/4"		290 sxs - surface		
7-5/8"		26.4#		4436'		9-7/8"		745 sxs - surface		
5-1/2"		17#		8528'		6-3/4"		340 sxs - 4210' cbl		
24 LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25 TUBING RECORD		SIZE		DEPTH SET
								2.375" 4 7# J-55		8453'
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC				
<u>Upper MV</u> 5714'-6068' (54, 0 3/4" holes) <u>Lower MV</u> 6169'-6601' (63, 0 3/4" holes)						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5714'-6068'		146,360# 20/40 BASF		
						6169'-6601'		42,648# 20/40 BASF		
28 PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>) Shut in - waiting on tie in				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio			
8-28-09	2 hr	1/2"								
Flow Tubing Press 0	Casing Pressure 160 lbs	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF 373 mcf/d	Water - Bbl	Oil Gravity - API - (<i>Conn</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)							30. Test Witnessed By Weldon Higgins			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit See pit permit										
33. If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude				Longitude				NAD 1927 1983		

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/19/09		Phone: 505-320-4871	

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
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Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/18/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
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Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		

Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/16/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
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Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/29/09		Phone: 505-320-4871	

Record Retention: Submit with Closure
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
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Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
---	---

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/28/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
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Pit Type: Drilling Workover X Completion	Inspection: Daily (Rig) Weekly (Tech)
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Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature.			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/27/09		Phone: 505-320-4871	

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
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/26/09		Phone: 505-320-4871	

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		

Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/25/09		Phone: 505-320-4871	

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/24/09		Phone: 505-320-4871	

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rg consultant			
Date: 8/23/09		Phone: 505-320-4871	

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

Exploration & Production
San Juan Basin Operations
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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/22/09		Phone: 505-320-4871	

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
-------------------------------	-------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/21/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/20/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/17/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/15/09		Phone: 505-320-4871	

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 dynamic swoosh underline.

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/13/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/12/09		Phone: 505-320-4871	

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



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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/10/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		

Comments:	
Inspector Signature:	
Printed Name: Weldon Higgins	
Title: rig consultant	
Date: 8/09/09	Phone: 505-320-4871

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
-------------------------------	-------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/08/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/07/09		Phone: 505-320-4871	

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

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

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/06/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/05/09		Phone: 505-320-4871	

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

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 – 039 – 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 vertical feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/04/09		Phone: 505-320-4871	

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.

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
--------------------------------------	--------------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/02/09		Phone: 505-320-4871	

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

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Rosa Unit #17C	API #: 30 - 039 - 30381
-------------------------------	-------------------------

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

Pit Liner intact (no visible tears)	X Yes No If No, Report to EH&S immediately	Date Reported:	Time
Pit Properly Fenced (no fence on rig side if on site)	X Yes No Not Required (if site fully fenced)		
Pit Slopes intact	X Yes No		
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	X Yes No Not Applicable		
Free oil or sheen present on pit	Yes X No		
Flare Pit free of liquids	X Yes No Not Applicable		
Comments:			
Inspector Signature:			
Printed Name: Weldon Higgins			
Title: rig consultant			
Date: 8/01/09		Phone: 505-320-4871	

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.

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
---------------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/24/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File EH&S

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C

API #: 30-039-30381

Pit Type: ☒ Drilling ☐ Workover ☐ Cavitation Inspection: ☒ Daily ☐ Weekly ☐ Monthly

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/23/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
---------------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/22/ 2009 Phone: (505) 486-1935		

Record Retention Submit with Closure
File: EH&S

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Aztec, NM 87410
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/21/ 2009 Phone: (505) 486-1935		

Record Retention. Submit with Closure
File: EH&S

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

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C

API #: 30-039-30381

Pit Type: ☒ Drilling ☐ Workover ☐ Cavitation Inspection: ☒ Daily ☐ Weekly ☐ Monthly

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/20/ 2009 Phone: (505) 486-1935		

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File: EH&S

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/19/ 2009 Phone: (505) 486-1935		

Record Retention Submit with Closure
File. EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/18/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C

API #: 30-039-30381

Pit Type: ☒ Drilling ☐ Workover ☐ Cavitation Inspection: ☒ Daily ☐ Weekly ☐ Monthly

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/17/ 2009 Phone: (505) 486-1935		

Record Retention. Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
---------------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/16/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/15/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C

API #: 30-039-30381

Pit Type: ☒ Drilling ☐ Workover ☐ Cavitation Inspection: ☒ Daily ☐ Weekly ☐ Monthly

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/14/ 2009 Phone: (505) 486-1935		

Record Retention Submit with Closure
File. EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
---------------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/13/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/12/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File. EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
--------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/11/ 2009 Phone: (505) 486-1935		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: ROSA UNIT #17-C	API #: 30-039-30381
---------------------------------------	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 6/10/ 2009 Phone: (505) 486-1935		

Record Retention. Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name:	API #:
Rosa #17C	30-039-30381

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 to EH&S: 5/21/10
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)	<input type="checkbox"/> Yes <input type="checkbox"/> No x Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes x No	
Flare Pit free of liquids	x Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit is dry, all liner intact (no tears), fence in good condition		
Inspector Signature:		
Printed Name: Levi Thorson		
Title: Field Technician		
Date: 5/21/10 Phone: (505)330-6034		

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:	API #:
Rosa #17C	30-039-30381

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 to EH&S: 5/14/10
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)	<input type="checkbox"/> Yes <input type="checkbox"/> No x Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes x No	
Flare Pit free of liquids	x Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit is dry, all liner intact (no tears), fence in good condition		
Inspector Signature:		
Printed Name: Levi Thorson		
Title: Field Technician		
Date: 5/14/10 Phone: (505)330-6034		

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:	API #:
Rosa #17C	30-039-30381

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 to EH&S: 5/7/10
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)	<input type="checkbox"/> Yes <input type="checkbox"/> No x Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes x No	
Flare Pit free of liquids	x Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit is dry, all liner intact (no tears), fence in good condition		
Inspector Signature:		
Printed Name: Levi Thorson		
Title: Field Technician		
Date: 5/7/10 Phone: (505)330-6034		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

dk/me/mv 17c	API #: 30=039-3081
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Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: x <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
--	--

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

Record Retention Submit with Closure
File EH&S Well Files

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



Temporary Pit Inspection

FACILITY INFORMATION

dk/me/mv 17c	API #: 30=039-3081
--------------	--------------------

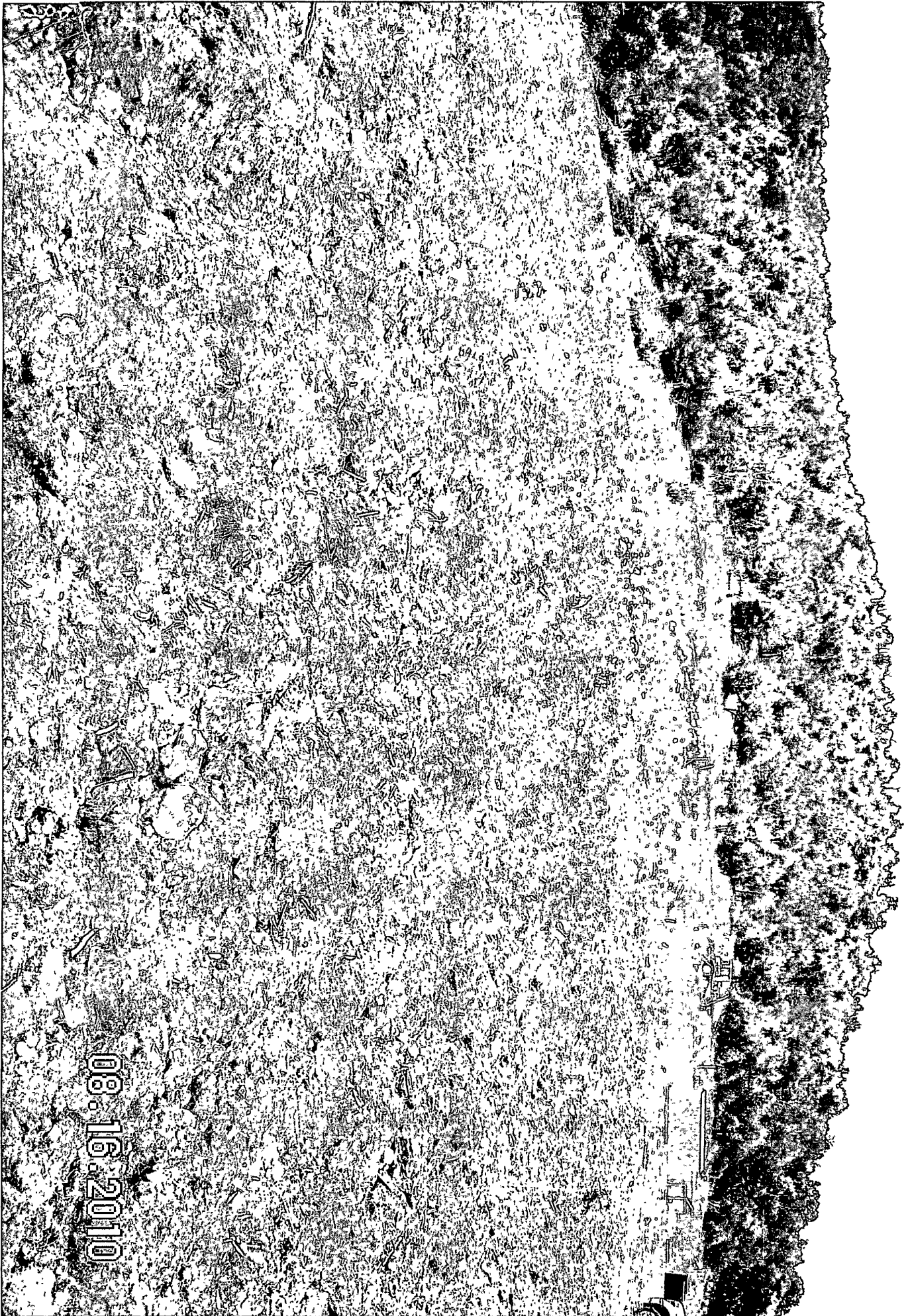
Pit Type: x <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: x <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
--	---

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

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

WILLIAMS PAVILION
ROSA UNIT 17 (C
UNIT 18 SEC 20
T3N1R5W
RIO ARriba CO
IN PLACE 15/2/2011

07.23.2010





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 # 6911

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

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

Respectfully resubmitted,

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

Encl:

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 17C
*GRID No 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6341'

¹⁰ Surface Location


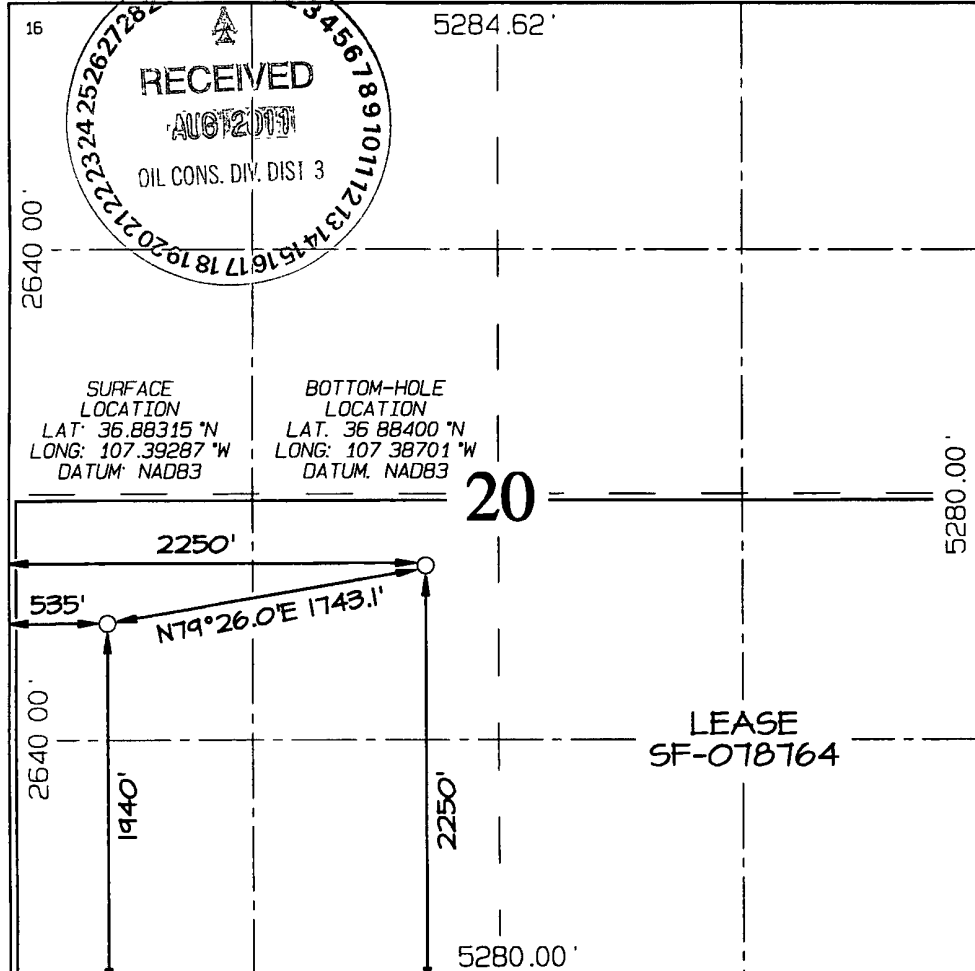

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	31N	5W		1940	SOUTH	535	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	31N	5W		2250	SOUTH	2250	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - (S/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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

<div>16</div> <div></div> <div><p>SURFACE LOCATION LAT: 36.88315°N LONG: 107.39287°W DATUM: NAD83</p><p>BOTTOM-HOLE LOCATION LAT: 36.88400°N LONG: 107.38701°W DATUM: NAD83</p></div> <div></div> <div>LEASE SF-078764</div>	<div>17 OPERATOR CERTIFICATION</div> <p>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</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <div>18 SURVEYOR CERTIFICATION</div> <p>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</p> <p>Survey Date, SEPTEMBER 18, 2006</p> <p>Signature and Seal of Professional Surveyor</p> <div></div> <p>JASON C. EDWARDS Certificate Number 15269</p>
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WILLIAMS PRODUCTION COMPANY ROSA UNIT #17C
1940' FSL & 535' FWL, SECTION 20, T31N, R5W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6341'

