

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.

3867

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: Jicarilla 92 #18A
API Number: 30-039-29943 OCD Permit Number: _____
U/L or Qtr/Qtr G Section 29 Township 27N Range 03W County: Rio Arriba
Center of Proposed Design: Latitude 36.546678 Longitude -107.16643 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: 18,000 bbl Dimensions: L 140' x W 60' 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.

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 checked="" type="checkbox"/> Alternate. Please specify <u>Per Tribal Specifications</u></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: <i>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.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 85%;"> <p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> </td> <td style="width: 15%; text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>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>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA </td> </tr> <tr> <td> <p>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>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA </td> </tr> <tr> <td> <p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>Within the area overlying a subsurface mine.</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> <tr> <td> <p>Within a 100-year floodplain.</p> <p>- FEMA map</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </td> </tr> </table>	<p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>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>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<p>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>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	<p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Within the area overlying a subsurface mine.</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<p>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>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA																				
<p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																				
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<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																				
<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																				

11.

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

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

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

12.

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

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

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

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

13.

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

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

14.

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

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

☐ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

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

☒ In-place Burial ☐ On-site Trench Burial

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

15.

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

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

16.

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____
 Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

17.

Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC

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

- | | |
|---|--|
| Ground water is less than 50 feet below the bottom of the buried waste.
- 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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input checked="" 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 |

18.

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

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

19.

Operator Application Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

20.

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

OCD Representative Signature: [Signature] Approval Date: 6/08/2012

Deputy Oil & Gas Inspector,
District #3

OCD Permit Number: _____

21.

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

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

☒ Closure Completion Date: 7/17/2009

22.

Closure Method:

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

23.

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

24.

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

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

On-site Closure Location: Latitude 36.546678 Longitude -107.16643 NAD: ☐ 1927 ☒ 1983

25.

Operator Closure Certification:

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

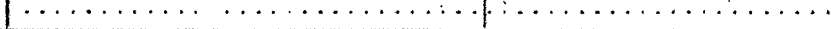
Name (Print): Michael K. Lane Title: Sr. EH & S Specialist

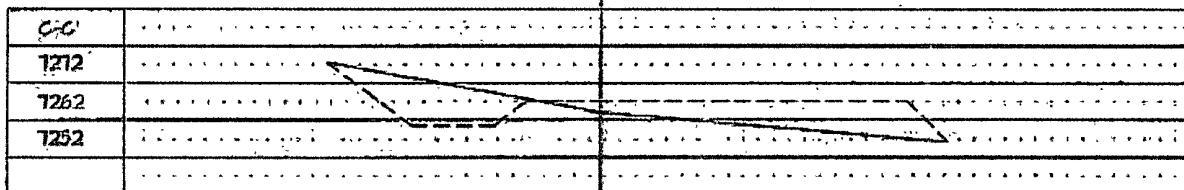
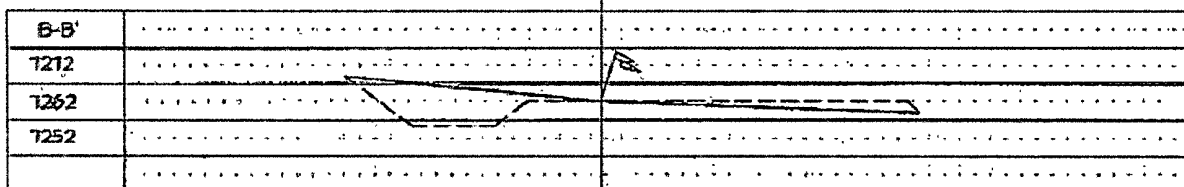
Signature: [Signature] Date: 8/13/09

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

Samples



A-A'		
7272		
7262		
7252		



CHECKED BY: CBT

Meador, Tasha

From: johnny@adobecontractorsinc.com
Sent: Friday, July 10, 2009 9:27 AM
To: Brandon Powell
Cc: Meador, Tasha ; Lane, Myke
Subject: Williams clean-ups

Brandon,

We are finished with the Jicarilla 93 #12B and are working on the Jicarilla 93 #14. We will finish it early next week and move to the Jicarilla 92 #18A. 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

7/14/2009



STATE OF NEW MEXICO:

COUNTY OF RIO ARRIBA:

RECORDATION NOTICE OF PIT BURIAL

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

Well Name: Jicarilla 92 #018A
Latitude (DDD MM.MMM'): -107.16643
Longitude (DDD MM.MMM'): 36.546678
Unit Letter (1/4, 1/4): G
Section: 29
Township: T27N
Range: R03W
County: RIO ARRIBA
State: NEW MEXICO

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

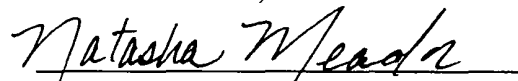
WILLIAMS COMPANIES, INC.

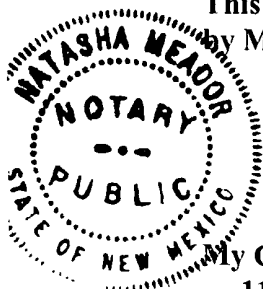

Michael K. Lane EH&S Specialist

7/14/09
Date

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

This document was acknowledged before me on this 14 day of July 2009
by Michael K Lane, EH&S Specialist of WILLIAMS COMPANIES, INC.


Notary Public Signature



My Commission Expires
11/30/2011

NATASHA MEADOR
Notary Name Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

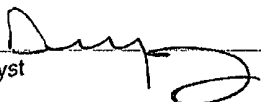
Client:	WPX	Project #:	04108-0003
Sample ID:	Reserve Pit	Date Reported:	08-07-09
Laboratory Number:	51056	Date Sampled:	07-21-09
Chain of Custody No:	7560	Date Received:	08-03-09
Sample Matrix:	Soil	Date Extracted:	08-07-09
Preservative:	Cool	Date Analyzed:	08-07-09
Condition:	Out of Holding Time	Analysis Needed:	TPH-418.1

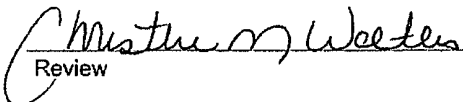
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	110	11.0

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: Jicarilla 92 #18A.


Analyst


Review



envirotech
Analytical Laboratory

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

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	08-07-09
Laboratory Number:	08-07-TPH.QA/QC 51103	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	08-07-09
Preservative:	N/A	Date Extracted:	08-07-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	08-03-09	08-07-09	1,380	1,280	7.2%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	11.0

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	634	552	13.0%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	634	2,000	2,480	94.1%	80 - 120%

ND = Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 51103 - 51105, 51109, 51110, 51133, 51134, 51056 - 51058.

Analyst


Review

CHAIN OF CUSTODY RECORD

7560

Client: WPX			Project Name / Location: Jicarilla 92 # 18A			ANALYSIS / PARAMETERS												
Client Address:			Sampler Name: Johnny Stinson			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE	m. Lane	Sample Cool	Sample Intact
Client Phone No.:			Client No.: 04108-0003															
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative												
Reverse Pit	7/21/09	1:00 PM	51054	Soil Solid	1									X	X			
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
				Soil Solid														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time									
[Signature]			8/3/09	12:10 PM	[Signature]			8/3/09	12:10									
Relinquished by: (Signature)					Received by: (Signature)													
Relinquished by: (Signature)					Received by: (Signature)													

myke Lane



envirotech
Analytical Laboratory

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER						5 LEASE DESIGNATION AND LEASE NO. Jicarilla contract #92	
b TYPE OF COMPLETION: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF.RESVR. <input type="checkbox"/> OTHER						6 IF INDIAN,ALLOTTEE OR Jicarilla Apache Nation	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						7 UNIT AGREEMENT NAME	
3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208						8 FARM OR LEASE NAME, WELL NO. Jicarilla "92" #18A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1850' FNL & 2000' FEL, Sec 29 (G), T27N, R3W At top production interval reported below : Same At total depth: Same						9 API WELL NO. 30-039-29943	
						10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
						11 SEC. T.,R.,M., OR BLOCK AND SURVEY OR AREA Sec 29, T27N, R3W	
				14 PERMIT NO	DATE ISSUED	12. COUNTY OR Rio Arriba	13 STATE New Mexico
15 DATE SPUDDED 2-3-09	16 DATE T.D REACHED 2-16-09	17 DATE COMPLETED (READY TO PRODUCE) 3-25-09	18. ELEVATIONS (DK, RKB, RT,GR,ETC)* 7262' GR		19 ELEVATION CASINGHEAD		
20 TOTAL DEPTH, MD & TVD 6641' MD		21. PLUG, BACK T.D, MD & TVD 6370' MD	22 IF MULTICOMP, HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS x	CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesa Verde: 5748' - 6340'						25. WAS DIRECTIONAL SURVEY MADE YES	
26 TYPE ELECTRIC AND OTHER LOGS RUN Aray Induction, Gamma Ray-Density-Neutron, Compensated Dual Neutron						27 WAS WELL CORED NO	
28. CASING REPORT (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED
9-5/8", K-55		36.0#	341'	12-1/4"	200 SX - SURFACE		
7", K-55		23.0#	4422'	8-3/4"	545 SX - SURFACE		
29 LINER RECORD				30 TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2", K-55, 11.6#	4259'	6632'	250 SX - 4290' (CBL)		2-3/8", 4.7# J-55	6340'	
31. PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
<u>CH/Upper MEN:</u> 5748'-6038'. Total of 50, 0.35" holes <u>PLO/lower MEN:</u> 6063'-6254', Total of 60, 0.34" holes <u>Lower PLO:</u> 6286'-6340', Total of 25, 0.34" holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				5748' - 6038' CH/Upper MEN	Fraced with 1239# 20/40 BASF followed with 5000# Mono Prop . followed by 5100# 20/40 BASF		
				6063' - 6254' PLO/Lower MEN	Fraced with 819# 20/40 BASF followed with 5000# Mono Prop		
				6286' - 6340' Lower PLO	Fraced with 69# 20/40 BASF, followed with 1640# Mono Prop followed with 273# 20/40 BASF		
33 PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI) SI - waiting tie in	
DATE OF TEST 3-23-09	TESTED 2 0 hrs	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0 oz	CASING PRESSURE TSTM	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF TSTM	WATER - BBL	OIL GRAVITY-API (CORR)
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc). TO BE SOLD						TEST WITNESSED BY Craig Ward	
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM							
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED _____				TITLE <u>Drlg COM</u> DATE <u>3-26-09</u>			

37 SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)					38 GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
						KIRTLAND	3810'	
						PICTURED CLIFFS	4010'	
						CLIFFHOUSE	5741'	
						MENEFEE	5864'	
						POINT LOOKOUT	6171'	
						MANCOS	6509'	

CLOSURE REPORT ATTACHMENTS

- 1 Date & How free standing liquids removed in following manner: 4/15/2009
Liquids removed by vacuum truck and hauled to Basin Disposal, Permit # NM 01-0005
- 3 Return receipt sent & received from surface owner: Copy Attached
- 4 Rig off location on following date: 3/25/2009
Pit covered on following date: 7/10/2009
Reseeding started/scheduled for following date: Spring Fall 2009
- 6 Pit liner removed on following date: 7/6/2009
Pit liner removed by following company: Adobe Construction
Pit liner removed in following manner: Cut liner above mud level by manually
and/or mechanically cutting liner. Removed all anchored material.
Facility where Pit liner disposed: S.J. Regional Landfill, NMED Permit SWM-052426
- 7 Solidification process accomplished in following manner: Adobe construction
used combination of natural drying & mechanical mixing. Pit contents were mixed with
non-waste, earthen material to a consistency that is safe & stable. The mixing ratio has
not exceeded 3 parts non-waste to 1 part pit contents.
- 8 Five point composite sample provided: Envirotech Results Attached
- 9 Testing of earth by following company: Envirotech, Inc.
Material & method used for solidification, non-waste earthen material:
Grading & backfilling area with approximately 4' of soils and earthen materials recovered during
site construction, to one foot consisting of topsoil.
- 10 Re-contouring to match surrounding geography done in following manner (using BMP's):
Reestablish drainage and contours to approximately match previous topography meeting
Conditions of Approval in APD and as specified by Surface Management Agency Inspectors.
- 11 Sundry (C103) to NMOCD when area 1st seeded: Pending
Seed Mix Used: Seed mix specified in Condition of Approval
- 12 Date pit was covered: 7/10/2009

CLOSURE REPORT ATTACHMENTS

Date 1st seeding took place:	<u>Fall following covering of pit</u>
Date 2nd seeding took place:	<u>Fall following covering of pit</u>
Date 70% coverage of native perennial vegetation accomplished:	<u>To be Determined</u>
Date C103 submitted to NMOCD (stating 2 successive vegetative seasons accomplished)	<u>To be Determined</u>

13 Company setting steel marker on site:	<u>Adobe Construction</u>
Date marker set:	<u>Pending</u>
Type cmt & depth of cmt to place marker:	<u>2 sx Pre-mixed concrete @ 4' depth</u>
Type of marker used: (check one)	<u>X Post</u> <u>Plate</u>
Pertinent information on marker (operator, lease, well name/#, S-T-R-UL):	

Per Operated Well Information

Does marker state it is an onsite pit burial location?	<u>YES</u>
--	------------

Note: Steel markers not required when closure by waste excavation & removal

Attached information (IF Release Occurred):

** Sample results from Form C141 (Release Notification & Corrective Action)	<u>Attached</u>
Date & time release occurred:	<u>NA</u>
** C105 (Completion Rpt) w/Applicable Pit Information	<u>Attached</u>

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	WILLIAMS PRODUCTION, LLC	Contact	Myke Lane
Address	P.O. BOX 640, AZTEC, NM 87410	Telephone No.	(505) 634-4219
Facility Name	Jicarilla 92 #18A	Facility Type	Well Location

Surface Owner Tribal	Mineral Owner	Lease No.
----------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	29	27N	03W					

Latitude 36.546678 Longitude -107.16643

NATURE OF RELEASE

Type of Release	No release	Volume of Release	Volume Recovered
Source of Release	NA	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?		Date and Hour	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
No Release

Describe Cause of Problem and Remedial Action Taken.*

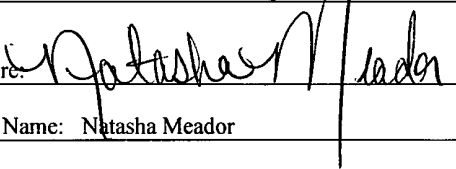
NA

Describe Area Affected and Cleanup Action Taken.*

NA

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor:		
Printed Name: Natasha Meador			
Title: EH&S Coordinator	Approval Date:	Expiration Date:	
E-mail Address: tasha.meador@williams.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: (505) 634-4241		

* Attach Additional Sheets If Necessary



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: Jic 92#18A	API #:
----------------------------------	---------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has quite a lot of water in it.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 04-26-09		Phone: (505)947-4974

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

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

Comments: Pit has some water in it but is mostly mud. Dawn is about done hauling.

Inspector Signature: Art L. Alsup	
Printed Name: Art L. Alsup	
Title: Senior Field Tech.	
Date: 05-03-09	Phone: (505)947-4974

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has some water in it but is mostly mud. Dawn is about done hauling.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 05-10-09 Phone: (505)947-4974		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has some water in it but is mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 05-17-09 Phone: (505)947-4974		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has some water in it but is mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 05-24-09		Phone: (505)947-4974

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has some water in it but is mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 05-31-09 Phone: (505)947-4974		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
----------------------------------	---------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has some water in it but is mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 06-07-09 Phone: (505)947-4974		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has received some rain water, Pit was mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 06-15-09		Phone: (505)947-4974

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported to EH&S:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Does pit have oil or sheen on it?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Pit has received some rain water, pit is mostly mud.		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 06-21-09 Phone: (505)947-4974		

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jic 92#18A	API #:
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input type="checkbox"/> Daily (Rig) <input type="checkbox"/> Weekly (Tech)
---	--

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

Comments: Pit has received some rain water. Was down to mud.

Inspector Signature: Art L. Alsup	
Printed Name: Art L. Alsup	
Title: Senior Field Tech.	
Date: 07-02-09	Phone: (505)947-4974

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

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/10/2009 Phone: 505-793-0528		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/04/2009 Phone: 505-793-0528		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/05/2009 Phone: 505-793-0528		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

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: <input type="checkbox"/>		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/06/2009 Phone: 505-793-0528		

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: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/07/2009 Phone: 505-793-0528		

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: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/08/2009 Phone: 505-793-0528		

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: JICARILLA 92 # 18A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

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: WILLIE MOCK		
Printed Name: WILLIE MOCK		
Title: DRILLING CONSULTANT		
Date: 2/09/2009 Phone: 505-793-0528		

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: Jicarilla 92 #18-A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 2/17/ 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: Jicarilla 92#18A	API #: 30-039-29943
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Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date: 03/11/09 Time Reported: 12:15
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Plenty of free board on pit, very light sheen on pit		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/11/09 Phone: (505) 793-3099		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jicarilla 92#18A	API #: 30-039-29943
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Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date: 03/16/09 Time Reported: 08:45
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 1.5' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/16/09 Phone: (505) 793-3099		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jicarilla 92#18A	API #: 30-039-29943
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Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date: 03/20/09 Time Reported: 10:45
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 3' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/20/09 Phone: (505) 793-3099		

Record Retention: Submit with Closure
File: EH&S

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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jicarilla 92#18A	API #: 30-039-29943
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Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date: 03/23/09 Time Reported: 08:00
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 3' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/23/09 Phone: (505) 793-3099		

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: Jicarilla 92 #18-B	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 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: 2/11/ 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: Jicarilla 92 #18-B	API #: 30-039-29943
-----------------------------------	---------------------

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: 2/12/ 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: Jicarilla 92 #18-A	API #: 30-039-29943
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Pit Type: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
--	--

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: 2/13/ 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
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Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jicarilla 92 #18-A	API #: 30-039-29943
-----------------------------------	---------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT (TDCI)		
Date: 2/14/ 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: Jicarilla 92 #18-A	API #: 30-039-29943
--	----------------------------

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)		
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: 2/15/ 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: Jicarilla 92 #18-A	API #: 30-039-29943
--	----------------------------

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: 2/16/ 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: Jicarilla 92#18A	API #: 30-039-29943
--	----------------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	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: 03/10/09 Time Reported: 11:00
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Plenty of free board on pit, very light sheen on pit		
Inspector Signature: _____		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/10/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A	API #: 30-039-29943
--	----------------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	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: 03/12/09 Time Reported: 09:45
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Plenty of free board on pit, very light sheen on pit		
Inspector Signature: _____		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/12/09 Phone: (505) 793-3099		

Record Retention: Submit with Closure
File: EH&S

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



Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: Jicarilla 92#18A

API #: 30-039-29943

Pit Type: ☐ Drilling ☐ Workover ☒ Completion 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: 03/12/09 Time Reported: 09:45
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Plenty of free board on pit, very light sheen on pit		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/12/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A	API #: 30-039-29943
--	----------------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	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: 03/13/09 Time Reported: 13:45
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: Plenty of free board on pit, very light sheen on pit		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/13/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A	API #: 30-039-29943
--	----------------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	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: 03/17/09 Time Reported: 14:30
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 1.5' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps Water trucks pulling pit, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/17/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A	API #: 30-039-29943
---------------------------------	---------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	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: 03/18/09 Time Reported: 11:30
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 3' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps Water trucks pulling pit, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/18/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A

API #: 30-039-29943

Pit Type: ☐ Drilling ☐ Workover ☒ Completion 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: 03/19/09 Time Reported: 08:30
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 <u>vertical</u> feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments: 3' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps Water trucks pulling pit, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/19/09 Phone: (505) 793-3099		

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: Jicarilla 92#18A	API #: 30-039-29943
--	----------------------------

Pit Type: <input type="checkbox"/> Drilling <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Completion	Inspection: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date: 03/25/09 Time Reported: 09:00
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 of 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: 3' of free board, light oil on pit, looks like oil that is used to lubricate plungers on frac pumps, got socks in pit to soak up oil		
Inspector Signature:		
Printed Name: Craig Ward		
Title: Rig Supervisor		
Date: 03/25/09 Phone: (505) 793-3099		

Record Retention: Submit with Closure
File: EH&S

**WILLIAMS PRODUCTION
TEMP PIT CLOSURE REPORT ADDENDUM**

Jicarilla 92 #18A

Req #

- 1 Date & How free standing liquids removed in following manner: 4/18/2009
Liquids removed by vacuum truck and hauled to Basin Disposal, Permit # NM 01-0005
-
- 3 Return receipt sent & received from surface owner:
Williams notified the SMA of its intent to use a temporary pit and onsite burial in the Surface Use Plan in the well APD. The SMA was notified by email see attached. No return receipt required per BLM:FFO/NMOCD MOU dated 5/4/09.
-
- 4 Rig off location on following date: 4/1/2009
Pit covered on following date: 7/17/2009
Reseeding started/scheduled for following date:
Date and mix to follow BLM/USFS COAs in APD per BLM:FFO/NMOCD MOU dated 5/4/09.
-
- 6 Pit liner removed on following date: 7/13/2009
Pit liner removed by following company: Adobe Construction

Pit liner removed in following manner:
Cut liner above mud level after stabilization by manually &/or mechanically cutting liner. Removed all anchored material on date given.
Facility where Pit liner disposed: S.J. Regional Landfill, NMED Permit SWM-052426
-
- 7 Solidification process accomplished in following manner:
Adobe construction used combination of natural drying & mechanical mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is safe & stable. The mixing ratio per Adobe on the order of 2.7:1 to 3:1 and varied during closure depending on the initial moisture content of the mud and drill solids.
-
- 8 Five point composite sample provided: Envirotech Results Attached
-
- 9 Testing of earth by following company: Envirotech, Inc.
Material & method used for solidification, non-waste earthen material:
Grading & backfilling area with approximately 4' of soils and earthen materials recovered during site construction, to one foot consisting of topsoil.
-

Jicarilla 92 #18A

- 10 Re-contouring to match surrounding geography done in following manner (using BMP's):
Reestablish drainage and contours to approximately match previous topography meeting Conditions of Approval in APD and as specified by Surface Management Agency Inspectors.
-
- 11 Sundry (C103) to NMOCD when area seeded and seed mix used:
Williams will comply with Surface Management Agency reseeding requirements in COAs of the APD for the referenced well, per BLM:FFO/NMOCD MOU dated 5/4/09.
-
- 12 Date pit was covered: 7/17/2009
Revegetation and restoration completion See item 11 and refer to MOU.
-
- 13 Company setting steel marker on site: Adobe Construction
Date marker set: 10/13/2009
Type cmt & depth of cmt to place marker: 2 sx Pre-mixed concrete @ 4' depth
Type of marker used: (check one) Plate
Pertinent information on marker (operator, lease, well name/#, S-T-R-UL):
Williams Production, Jicarillo 92#18A, Unit G, Sec. 29, T27N, R3W, in place burial
-
- Attached information :**
- ** Sample results from Form C141 (Release Notification & Corrective Action) Attached
- Date & time release occurred: NA
- ** C105 (Completion Rpt) w/Applicable Pit Information Attached

WILLIAMS STATION

REARMA OF

UNIT G SLO 29

T2 IN T3W

IN FACT

12.16.2009

District I
1615 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
1210 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 June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Permit # 38267

* API Number 30-039-29943		* Pool Code 72319	* Pool Name BLANCO MESA VERDE
* Property Code	* Property Name JICARILLA 92		* Well Number 18A
* OGRID No. 120782	* Operator Name WILLIAMS PRODUCTION COMPANY		* Elevation 7262

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	27N	3W		1850	NORTH	2000	EAST	RIO ARRIBA

11 Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
* Dedicated Acres 320 A.C. (E/2)		* Joint or Infill		* Consolidation Code		* Order No.			
						RCVD JUN 7 '12 OIL CONS. DIV.			

DIST. 3

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

16	5279.25	1850'	29	5284.96	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature _____ Printed Name _____ Title and E-mail Address _____ Date _____	
						18 SURVEYOR CERTIFICATION <i>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.</i> November 21, 2005 Date of Survey _____ Signature and Seal of Professional Surveyor _____
5278.51	5274.96					



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

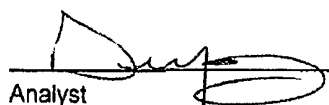
Client:	WPX	Project #:	04108-0003
Sample ID:	Blow Pit	Date Reported:	12-16-09
Laboratory Number:	52676	Date Sampled:	12-10-09
Chain of Custody No:	8464	Date Received:	12-11-09
Sample Matrix:	Soil	Date Extracted:	12-14-09
Preservative:	Cool	Date Analyzed:	12-15-09
Condition:	Intact	Analysis Requested:	8015 TPH

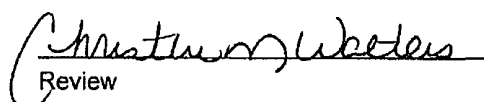
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments: **Jicarilla 92 #18A.**


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID	12-15-09 QA/QC	Date Reported:	12-16-09
Laboratory Number:	52676	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-15-09
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	9.9527E+002	9.9567E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.6625E+002	9.6664E+002	0.04%	0 - 15%

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

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

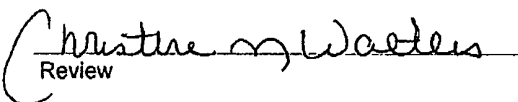
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	247	98.8%	75 - 125%
Diesel Range C10 - C28	ND	250	271	108%	75 - 125%

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 52676, 52679 - 52684, 52698, and 52699.

Analyst 

Review 



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client	WPX	Project #:	04108-0003
Sample ID:	Blow Pit	Date Reported:	12-16-09
Laboratory Number	52676	Date Sampled:	12-10-09
Chain of Custody:	8464	Date Received:	12-11-09
Sample Matrix:	Soil	Date Analyzed:	12-15-09
Preservative:	Cool	Date Extracted:	12-14-09
Condition:	Intact	Analysis Requested:	BTEX

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

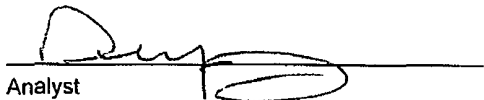
ND - Parameter not detected at the stated detection limit.

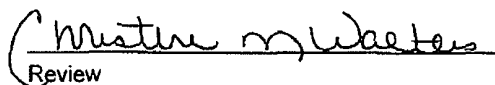
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	92.1 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	97.0 %

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

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

Comments: Jicarilla 92 #18A.


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	12-15-BT QA/QC	Date Reported:	12-16-09
Laboratory Number	52676	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received	N/A
Preservative:	N/A	Date Analyzed:	12-15-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	1.4410E+006	1.4439E+006	0.2%	ND	0.1
Toluene	1.3463E+006	1.3490E+006	0.2%	ND	0.1
Ethylbenzene	1.2247E+006	1.2272E+006	0.2%	ND	0.1
p,m-Xylene	3.1183E+006	3.1246E+006	0.2%	ND	0.1
o-Xylene	1.1654E+006	1.1677E+006	0.2%	ND	0.1

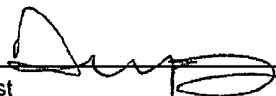
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

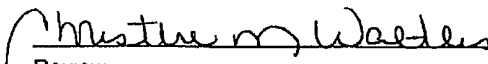
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	52.2	104%	39 - 150
Toluene	ND	50.0	46.9	93.8%	46 - 148
Ethylbenzene	ND	50.0	47.5	95.0%	32 - 160
p,m-Xylene	ND	100	97.5	97.5%	46 - 148
o-Xylene	ND	50.0	48.7	97.4%	46 - 148

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 52676, 52679, and 52681 - 52684.

Analyst 


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	WPX	Project #:	04108-0003
Sample ID:	Blow Pit	Date Reported:	12-15-09 ✓
Laboratory Number:	52676	Date Sampled:	12-10-09
Chain of Custody No:	8464	Date Received:	12-11-09
Sample Matrix:	Soil	Date Extracted:	12-14-09
Preservative:	Cool	Date Analyzed:	12-14-09
Condition:	Intact	Analysis Needed:	TPH-418.1

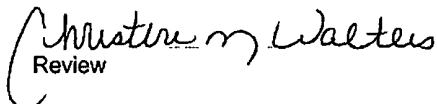
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	15.4	11.6

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: Jicarilla 92 #18A

Analyst 


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	12-15-09
Laboratory Number:	12-14-TPH.QA/QC 52676	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	12-14-09
Preservative:	N/A	Date Extracted:	12-14-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	12-11-09	12-14-09	1,610	1,650	2.5%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	11.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	15.4	12.8	16.9%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
TPH	15.4	2,000	1,800	89.3%	80 - 120%

ND = Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 52676 - 52679.

Analyst

Review



Chloride

Client:	WPX	Project #:	04108-0003
Sample ID:	Blow Pit	Date Reported:	12-15-09
Lab ID#:	52676	Date Sampled:	12-10-09
Sample Matrix:	Soil	Date Received:	12-11-09
Preservative:	Cool	Date Analyzed:	12-15-09
Condition:	Intact	Chain of Custody:	8464

Parameter

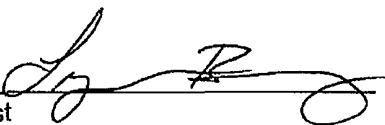
Concentration (mg/Kg)

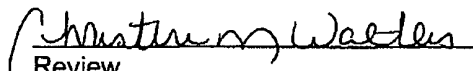
Total Chloride

35

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: Jicarilla 92 #18A

Analyst 


Review

CHAIN OF CUSTODY RECORD

8464

Client: <u>W.P.A.</u>			Project Name / Location: <u>Jicarilla 92 # 18A</u>			ANALYSIS / PARAMETERS													
Client Address: <u>Myke Lane</u>			Sampler Name: <u>Glenn Shulby</u>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.:			Client No.: <u>04108-0003</u>																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative													
<u>Down Pt</u>	<u>12/4/09</u>	<u>2:00 pm</u>	<u>52676</u>	<u>Soil Solid</u>	<u>1</u>														
	<u>12/10/09</u>			<u>Sludge Aqueous</u>														<u>Y</u>	<u>Y</u>
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
				<u>Soil Solid</u>															
				<u>Sludge Aqueous</u>															
Relinquished by: (Signature) <u>[Signature]</u>					Date <u>12/11/09</u>	Time <u>8:20 am</u>	Received by: (Signature) <u>[Signature]</u>					Date <u>12/11/09</u>	Time <u>8:20</u>						
Relinquished by: (Signature) <u>[Signature]</u>							Received by: (Signature)												
Relinquished by: (Signature)							Received by: (Signature)												



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